2022-2023
CATALOG

SPC St. Petersburg College

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SPC St. Petersburg College

(Formerly known as St. Petersburg Junior College)
P.O. Box 13489
St. Petersburg, FL 33733-3489
www.spcollege.edu
Phone: 727-341-4772

2022 - 2023 CATALOG

CAMPUS/SITE INFORMATION

Allstate Center 3200 34th Street S St. Petersburg, FL 33711	**EpiServices**, Human Resources 14025 58th Street N Clearwater, FL 33760	**SPC Midtown Center** 1300 22nd Street S St. Petersburg, FL 33712
Bay Pines STEM Center 4723 Bay Pines Terrace St. Petersburg, FL 33708	**Health Education Center** 7200 66th Street N Pinellas Park, FL 33781	**St. Petersburg/Gibbs Campus** 6605 5th Avenue N St. Petersburg, FL 33710
Clearwater Campus 2465 Drew Street Clearwater, FL 33765	**Seminole Campus** 9200 113th Street N Seminole, FL 33772	**Tarpon Springs Campus** 600 Klosterman Road Tarpon Springs, FL 34689
EpiCenter 13805 58th Street N Clearwater, FL 33760	**SPC Downtown Center** 244 Second Avenue N St. Petersburg, FL 33701	**Veterinary Technology Center** 12376 Ulmerton Road Largo, FL 33774

CAMPUS SECURITY/CRIME INFORMATION

A copy of St. Petersburg College's Annual Security Report, which includes statistics for the previous three (3) years concerning reported crimes that occurred on campus; in certain off-campus buildings or property owned or controlled by St. Petersburg College; and on public property within or immediately adjacent to and accessible from the campus and which includes institutional policies concerning campus security, such as policies concerning alcohol and drug use, crime prevention, the reporting of crimes, sexual assault and other matters, can be obtained by contacting either the Associate Provost's Office, Site Administrator's Office, the Campus Security Office or the Office of Human Resources.

Security officers are on duty at all sites when the college is open for classes. In addition, some Security Dispatch and some sites are staffed from 1-5 p.m. on Sundays. Officers patrol the college grounds, conduct safety inspections, investigate and document incidents, and help provide a safe environment. Officers also will provide safety escorts to and from your office or vehicle, assist motorists locked out of their vehicles, jump-start vehicles, and more. Call security dispatch at 727-791-2560 and an officer will be sent to assist you. In an emergency, call 911 first, and then notify security.

EQUAL ACCESS EQUAL OPPORTUNITY*

https://www.spcollege.edu/friends-partners/about/compliance-statements/accessibility-services

The Board of Trustees of St. Petersburg College affirms its equal opportunity policy in accordance with the provisions of the Florida Educational Equity Act and all other relevant state and federal laws, rules, and regulations. The college will not discriminate on the basis of race, color, ethnicity, religion, sex, age, national origin, marital status, sexual orientation, gender identity, genetic information, or against any qualified individual with disabilities in its employment practices or in the admission and treatment of students. Recognizing that sexual harassment constitutes discrimination on the basis of sex and violates this Rule, the college will not tolerate such conduct. Should you experience such behavior, please contact the Office of Culture and Engagement at 727-341-3261; by mail at P.O. Box 13489, St. Petersburg, FL 33733-3489; or by email at eaeo_director@spcollege.edu.

(Updated 2/24/2023)

ACCREDITATION*

https://sacscoc.org/

St. Petersburg College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award Bachelor of Science degrees, Bachelor of Applied Science degrees, Associate in Arts degrees, and Associate in Science degrees. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of St. Petersburg College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

(Updated 3/6/2023)

LEADERSHIP
PRESIDENT
Dr. Tonjua Williams

BOARD OF TRUSTEES
The SPC Board of Trustees is comprised of five positions:
Thomas Kidwell, Chair
Jason Butts, Vice Chair
Katherine E. Cole
Deveron M. Gibbons
Nathan Stonecipher
SPC President Tonjua Williams – serves as secretary to the Board of Trustees

NOTICE REGARDING POLICIES FOUND IN THIS CATALOG AND CHANGES TO POLICIES
Students need to review Board of Trustees (BOT) Rules and Procedures http://webapps.spcollege.edu/botrules/ to determine complete policies. Students may review BOT Rules online, at the library or at provosts' office.

This catalog is for information only and does not constitute a contract between the applicant/student and the college.

The college reserves the right to change, modify or alter without notice all fees, charges, tuition, expenses, and costs of any kind and further reserves the right to add or delete without notice any course offering or information in this catalog. The college further reserves the right to change any provision or requirement when such action becomes necessary.

General SPC Information

ST. PETERSBURG COLLEGE
2022-2023 ACADEMIC CALENDAR*

You can view the full Academic Calendar at https://www.spcollege.edu/academic-calendar.

FALL 2022	**TERM 1 – 2022 (0610) AUGUST 15 – DECEMBER 9, 2022**
August 11	Faculty Report
August 15	**Classes Begin – Regular and 8-Week 1**
August 19-December 4	**Weekend College Classes Begin**
September 5	Labor Day Holiday - College Closed
September 12	**12 Week Classes Begin**
October 7	8-Week 1 Ends – Approved Grades due in PS by 4 p.m.
October 10	**8-Week 2 Begins**
November 11	Veterans Day – College Closed
November 20 - 26	Thanksgiving Holidays – College Closed
December 9	**End of term; approved Grades due in PS by 4:00pm**
December 10 (venue dependent)	Commencement

SPRING 2023	**TERM II – 2023 (0615) JANUARY 17 – MAY 12, 2023**
December 12 – January 6, 2023	Winter Session
January 9	12-Month Faculty and Staff Report
January 12	30/36 ECH Faculty Report
January 16	Martin Luther King, Jr. Holiday – College Closed
January 17	**Classes Begin – Regular and 8-Week 1**
January 20 - May 7	**Weekend College Classes Begin**
February 13	**12-Week Classes Begin**
March 10	8-Week 1 Ends – Approved Grades due in PS by 4 p.m.
March 12 -18	Spring Break Holiday – College Closed
March 20	**8-Week 2 Begins**
April 7-9	Spring Holiday – College Closed
May 12	**End of term; approved Grades due in PS by 4:00pm**
May 13 (venue dependent)	Commencement

SUMMER 2023	**TERM III – 2023 (0620) MAY 22 – JULY 28, 2023**
May 18	Faculty Report
May 22	**Classes Begin (Regular – 10-Week and 8-Week 1)**
May 27 – July 23	**Weekend College Classes begin**
May 29	Memorial Day Holiday – College Closed
June 5	**8-Week 2 Begins (Second 8 Week starts two weeks after the first day of the term)**
June 19	Juneteenth Holiday – College closed
June 20	**6-Week Classes Begin**
July 4	Independence Day Observed – College Closed
July 14	8-Week 1 Ends- Approved Grades due in PS by 4 p.m.
July 28	**End of term; approved Grades due in PS by 4:00pm**

Approved by BOT: 3/22/2022

FALL 2023   **TERM 1 – 2023 (0625) AUGUST 14 – DECEMBER 8, 2023**

August 10	Faculty Report
August 14	**Classes Begin – Regular and 8-Week 1**
August 18-December 3	**Weekend College Classes Begin**
September 4	Labor Day Holiday - College Closed
September 11	**12 Week Classes Begin**
October 6	8-Week 1 Ends – Approved Grades due in PS by 4 p.m.
October 9	**8-Week 2 Begins**
November 11	Veterans Day – College Closed
November 19 - 25	Thanksgiving Holidays – College Closed
December 8	**End of term; approved Grades due in PS by 4:00pm**
December 9 (venue dependent)	Commencement

*In accordance with Board Rule (6Hx23-1.29); dates subject to change.

Approved by BOT: 3/22/2022

Appendix A: Administrative Dates

FALL 2022	**TERM 1 – 2022 (0610) AUGUST 15 – DECEMBER 9, 2022**
April 18	Special Registration Begins
April 20	General Registration
August 12	Welcome Titans Meeting
October 25	Discovery Day – No Classes
December 5-8	Exam Days
December 10-January 11, 2023	Winter Break – 30/36 ECH Faculty
December 17 – January 8, 2023	**Flex Winter Break – 12-Month Faculty/A&P and Staff

SPRING 2023	**TERM II – 2023 (0615) JANUARY 17 – MAY 12, 2023**
October 24, 2022	Special Registration
October 26, 2022	General Registration
May 8-11	Exam Days

SUMMER 2023	**TERM III – 2023 (0620) MAY 22 – JULY 28, 2023**
March 27	Special Registration
March 29	General Registration
July 24-27	Exam Days

FALL 2023	**TERM 1 – 2023 (0625) AUGUST 14 – DECEMBER 8, 2023**
April 17	Special Registration Begins
April 19	General Registration
August 11	Welcome Titans Meeting
October 24	Discovery Day – No Classes
December 4-7	Exam Days
December 9-January 10, 2024	Winter Break – 30/36 ECH Faculty
December 16 – January 7, 2024	**Flex Winter Break – 12-Month Faculty/A&P and Staff

**Flex weeks will be a total of 2 weeks off; pending policy clarification

Approved by BOT: 3/22/2022

U.S. Department of Veterans Affairs (VA) Pending Payment Compliance*

In accordance with Title 38 US Code 3679 subsection (e), SPC adopts the following additional provisions for any students using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation & Employment (Ch. 31) benefits, while payment to the institution is pending from the VA. Our policy regarding Title 38 US Code 3679 subsection (e) is as follows:

In accordance with Title 38 US Code 3679 subsection (e), SPC will defer tuition 90 days out from the first day of the semester for any GI Bill recipient who has turned in COE/Eligibility Documents. SPC will further move due dates on a case-by-case basis when payment from the VA has been confirmed to be delayed. During the time in which SPC awaits payments from the VA directly (Chapter 31 and Chapter 33) students will not be assessed late fees, will not be required to secure alternate or additional funding, will not be denied access to resources and will not be prevented from enrollment.

(Added to Catalog 11/08/2022 – omitted in error from original publication 8/1/2022.)

SPC FOUNDATION, INC.

http://spcollegefoundation.spcollege.edu/

The St. Petersburg College Foundation, Inc. is a 501 (c)(3) corporation chartered under Florida statutes, serving as a direct-support organization of St. Petersburg College. In support of the vision and mission of SPC, the Foundation accepts and prudently manages all gifts including cash, securities, property, bequests and trust or life-income arrangements.

The Foundation is guided by a Board of Directors composed of professional, business and civic leaders who are vitally interested in higher education in the greater Tampa Bay area.

The St. Petersburg College Foundation, Inc. promotes the practice of philanthropy through partnerships with the community for the advocacy of higher education in general and specifically at SPC, for (1) the provision of student scholarships, awards and grants, (2) the advancement of teaching and instructional services, (3) new and improved facilities and (4) state-of-the-art technology.

BOARD OF DIRECTORS

The Foundation is guided by a Board of Directors composed of professional, business and civic leaders who are vitally interested in higher education in the greater Tampa Bay area.

Officers:

- Chair – Joshua Bomstein
- Vice Chairman – Jaclyn Ballard

- Treasurer – Mike Meigs
- Secretary – Jesse A. Turtle, Foundation Exec. Dir.
- Immediate Past Chair – Steve Shepard

Board Members:

- Joseph G. "Joe" Blanton
- Johnny V. Boykins
- R. Michael "Mike" Carroll
- Teresa Hibbard
- Jacqueline Munro

- Bemetra Simmons
- Nathan Stonecipher
- Richard S. Warshof
- Dr. Tonjua Williams, SPC President
- Richard B. Winning

SPC MISSION, VISIONARY COMMITMENTS AND VALUES

MISSION STATEMENT
The mission of St. Petersburg College is to empower our students and community to achieve success and economic mobility through academic excellence and engagement.

VISION STATEMENT
A premier college enriching and strengthening lives through a community of care.

COLLEGE VISIONARY COMMITMENTS

ACADEMIC EXCELLENCE
We will provide a high-quality education for our students by creating an innovative and engaging learning environment within a supportive, collegial culture.

ECONOMIC MOBILITY
We will provide opportunities for our students to be prepared for high-wage, high-need careers and professional growth, which will contribute to their economic success and improve the quality of life within our community as well as assist in ending generational cycles of poverty.

COMMUNITY ENGAGEMENT
We will invest in the well-being and growth of our community by serving as a leader, a convener, and a catalyst for positive change. We will maintain this commitment by creating strong partnerships, participating in civic learning and community engagement, and cultivating a community of care.

COLLEGE VISIONARY COMMITMENTS

STUDENT SUCCESS

We believe students are the heart of SPC, and we align resources, decisions, and efforts to empower them to succeed.

INTEGRITY

We cultivate trust, transparency, and equity through personal and institutional ethics, empathy, and compassion.

COMMUNITY FOCUS

We foster and model the principles of inclusion, service, partnership, and social responsibility through community engagement ot build strong relationships locally and abroad.

GROWTH AND EMPOWERMENT

We provide our students and employees clear pathways for personal and professional growth resulting in ongoing opportunities for leadership, engagement, and advancement.

COMMUNICATION

We build open and honest relationships to ensure inclusive dialogue with stakeholders to make informed and transparent decisions.

EQUITY

We are committed to ensuring that all stakeholders receive what they need to be successful through experiences, policies, practices, and behaviors that are just, fair, and inclusive for individuals to reach their full potential.

Get more information on the philosophy and objectives of the college by reading College Rule 6Hx23-1.02(03/19/13) at
http://webapps.spcollege.edu/botrules/

HISTORY

From the beginning, St. Petersburg College has been a leader. It was Florida's first two-year college (founded in 1927) as well as the state's first community college to offer bachelor's degrees (2002). Today, SPC is one of 28 State Colleges, and served as a model for incorporating bachelor's degree programs into traditional two-year institutions.

TEXTBOOKS

www.spcollege.edu/textbooks

SPC makes shopping for textbooks easy. After you register for classes on MySPC, you can see the required and recommended textbooks you need. The International Standard Book Number (ISBN) is provided so that you can be sure you are getting the exact educational content needed for your courses, no matter where you choose to shop.

Barnes & Noble College

St. Petersburg College bookstores are under the management of Barnes & Noble College. Students can choose from new and used books, textbook rentals and from a rapidly expanding selection of eTextbooks. Use your class schedule to order your books in person at your campus bookstore or learn more about shopping for textbooks online at Barnes & Noble and paying for textbooks with the Book Line of Credit and the SPC textbook credit.

SPC BookSwap

Trade textbooks with other SPC students. Use your student ID and password to login to SPC's BookSwap at www.spcollege.edu/textbooks. You may need to copy and paste the link into your browser.

PERSONAL PROPERTY

Students who bring personal property to the college and/or leave personal property at the college do so at their own risk as the college provides no insurance in the event the student's personal property is stolen or damaged while on college premises.

PHOTOGRAPHY

All students grant permission to the college, its agents, and staff, to use video and photographs taken of them for SPC promotional/advertising materials without charge. No promises have been made and no consideration is involved for their use. If a student does not want SPC to use video and photographs of himself/herself then he/she must inform the associate provost on his/her home campus.

INSURANCE

The college does not provide accident or health insurance for students. Optional student insurance may be obtained from a college-approved insurance company at the student's expense. Forms are available in the Student Life and Leadership offices. Certain courses require the student to obtain liability insurance for which a special fee is charged.

Professional Liability Insurance for Students

Those students in a program of study leading toward a degree or certificate in a health care profession who will be providing health care services to a patient or clinic under the direction of a faculty member of the college as a part of the course of study are required to have student professional liability (malpractice) insurance for which a fee is charged. Students in the health programs are also required to carry clinical accidental insurance, which must be obtained through the college and for which a special fee will be charged. The professional liability coverage does not protect the student in the event of illness or injury.

LIBRARIES

www.spcollege.edu/libraries

Your student ID is your library card and can be used to check out materials or use any of the services the libraries provide. Once you have your student ID, search for materials online or visit one of the libraries. For campus locations, hours, and a list of available services, visit www.spcollege.edu/libraries.

Our libraries are staffed by professional librarians, career library employees, student workers, and volunteers to help students. College librarians teach and provide assistance with research projects, APA/MLA citation, and finding information for course projects. Students can also get help by searching our FAQ database, calling any of the SPC libraries, or using Ask a Librarian to chat, text or email your questions. For 24/7 access, visit http://www.spcollege.edu/current-students/learning-resources.

Public Library and College Library in One

Joint-use libraries on the Clearwater, St. Petersburg/Gibbs, and Seminole campuses showcase two unique partnerships between SPC and the cities of Clearwater, St. Petersburg, and Seminole. Each library provides users with the benefits of a public library and a college library in one.

TUTORING
www.spcollege.edu/tutoring
Trouble with Math or English? The Learning Support Commons provides free academic resources and learning support for currently enrolled students. Tutors help students with homework, understand mistakes on tests, memorize facts and formulas, improve writing and math skills, computer skills and more. Highly skilled professionals work with students one-on-one and in groups.

MYSPC STUDENT PORTAL
MySPC is the college's secure portal for your academic information. MySPC makes it fast and easy to find information. You'll find helpful links and video tutorials to improve your online experience and guide you as you apply to SPC, register for classes, manage your financial aid, and check student email. Build your individual learning plan and chart your progress. Questions regarding MySPC should be referred to 727-341-4772.

ADVISING
www.spcollege.edu/advising
Our advisors can help you achieve your academic and personal goals by walking you through college entrance procedures, evaluating placement test scores, reviewing new student orientation information, assisting with course selection, assisting with long-range academic planning, reviewing general education and degree requirements, reviewing how many courses you should take, and reviewing transfer options.

CAREER SERVICES
www.spcollege.edu/careerservices
SPC Career Services can help you select a career direction and appropriate program of study. We can help with everything from personal assessment, career exploration and decision-making, choosing a matching SPC major, preparing a job search strategy, developing a resume and cover letters, interview preparation and salary negotiation.

STUDENT GOVERNMENT ASSOCIATION (SGA)
www.spcollege.edu/SGA
Represent your fellow students by joining the Student Government Association. SGA members voice the interests, concerns and needs of students in campus and college decisions to college administration and state legislators. Each SGA belongs to the Florida College System Student Government Association (FCSSGA), which serves as the representative voice of Florida Colleges throughout Florida.

Each year, SGA members can travel to the annual FCSSGA state convention and regional meetings and leadership retreats across Florida. As a currently enrolled SPC student, you can vote for who represents you as an officer in the SGA.

ACCESSIBILITY SERVICES
www.spcollege.edu/accessibility
Disability Resources has changed its name to Accessibility Services. This is a result of a collaborative effort by the Accessibility Services staff, the Associate Provosts, and Retention Services to revitalize services for students with disabilities. The goal of the revitalization is to promote the overall commitment of St. Petersburg College to equal educational access for all students and to help eliminate barriers, while enhancing student success, retention, completion, and job placement.

Who is eligible?
A student with a documented disability may be eligible to receive services. If you think you have a disability but have not had it documented, your campus learning specialist will explain how to get proper testing or assessment. To be documented, you must have a recent report from a licensed physician or psychologist or an IEP or SOP from your high school.

What services are available?
Appropriate, reasonable accommodations are offered based on documented needs. Accommodations might include:
- Adaptive technology
- Enlargers
- Early registration
- Tutors
- Notetakers
- Sign language interpreters
- Real-time captioning
- Testing arrangements
- Classroom modifications

What are the benefits?
Students who use these services tend to have:
- Higher GPAs
- Fewer withdrawals from courses
- Better graduation rates

Request Services

See a campus learning specialist and bring your documentation. Schedule your appointment as early as possible so that accommodations can be made in a timely manner. All information will be kept confidential.

FINANCIAL AID

www.spcollege.edu/getfunds

Tuition Payment Plan

If you cannot pay by the deadline, consider our Tuition Payment Plan. For details visit www.spcollege.edu/paymentplan.

Receiving funds

Students will get their financial aid funds at the end of the fourth week of classes of the earliest term they are enrolled in. If you are enrolled only in Express or Second 8-week Mod classes, your funds will be disbursed at the end of the fourth week of that term. It is the student's responsibility to understand the attendance policies of all courses they are enrolled in.

Tuition and fees

SPC deducts tuition and fees from your financial aid award directly. If your award is less than the cost of tuition and fees, you must pay the difference by the tuition due date.

Book Line of Credit

If your financial aid exceeds your tuition and fee charges, you may charge up to $800 books and supplies using the Book Line of Credit (a short-term, interest-free loan) at campus bookstores. The amount of your Book Line of Credit is based on projected financial aid that will be refunded at the end of the fourth week of your classes. The bookstore will have your information on file and will apply your available book charges against your tuition account. Visit www.spcollege.edu/bloc for more information.

Disbursements

Disbursements occur when SPC receives federal, state, or other funds on your behalf. These funds are disbursed to your student account to cover your tuition, fees, and Book Line of Credit charges. This is the date you will see in MySPC; however, this is not the date your excess funds are refunded to your SPC BankMobile card.

Loan disbursements

All loans are disbursed in two payments, even if you are enrolled in Fall term or Spring term only. The first disbursement is delivered to SPC during the fourth week of your classes. The second disbursement is delivered to SPC at the midpoint of your classes.

Refunds to your SPC BankMobile

Refunds to your SPC BankMobile occur when the amount of the disbursements received on your behalf is greater than the amount owed for tuition, fees, and the Book Line of Credit. The excess funds will be refunded to your SPC BankMobile based on the choice you made when you activated the card. Refunds begin at the end of the fourth week of your classes.

Student employment pay

Students working through student employment programs of Federal Work Study, America Reads, America Counts or Student Assistants will receive their paychecks bi-weekly through their supervisor or directly deposited into their bank accounts.

Satisfactory Academic Progress (SAP)

Federal regulations require that all students who get financial aid demonstrate that they are moving through their academic program at a reasonable rate or are making progress toward their degree. Federally-mandated regulations regarding SAP changed July 1, 2011. Visit https://go.spcollege.edu/sap/ for details on our Satisfactory Academic Progress (SAP) policy.

Withdrawing from classes

CAUTION: If you are a financial aid recipient and are thinking about dropping your classes or withdrawing from the college, please consult a financial aid counselor on how this will affect your aid. For complete details visit http://go.spcollege.edu/withdrawal/.

VETERANS SERVICES

www.spcollege.edu/veterans

Veterans Services specialists will help ease your transition in starting, continuing or resuming your educational pursuit and offer assistance with Department of Veterans Affairs (VA) educational benefits. Veterans Services Centers provide specialized services to veterans, eligible dependents, active duty servicepersons and members of the Selected Reserve. Currently, more than 1,500 student veterans have made SPC their choice – with more student veterans joining our ranks every day.

ECAMPUS

http://mycoursessupport.spcollege.edu/ecampus

Our eCampus program offers hundreds of online college courses in dozens of majors — plus online student support services at your fingertips. Look for online courses as you register in MySPC.

MAXIMUM STUDENT LOAD

More information is available on this topic at the Board of Trustees website.

College Rule 6Hx23-4.161

The maximum student load is eighteen (18) semester hours of credit in each of Terms I and II and twelve (12) semester hours of credit in Term III. Under extenuating circumstances, students may, with the consent of a counselor or advisor, take additional credit hours.

All credit courses show a specified number of credits that generally indicate the amount of work required. A 3-credit lecture/discussion course normally meets 3 clock hours per week during the 16-week terms. More clock hours per week are required during the abbreviated terms such as the Express and Summer. Despite some variation in the out-of-class work required to succeed in individual classes, 2 hours outside of class for every hour in class is the normal expectation. That means that a student taking a 15-credit hour course load (during Terms I or II) will need to devote a total of 45 hours each week to his/her academic effort.

Dedicated students who are working half-time often succeed with a 12 – 17-hour load but few students are able to work full- time and succeed in a full-time course load. Students who are working, or have other similar obligations, should consider the following scale as they make decisions about their schedules:

Maximum Student Load				
Employment	**Recommended Academic Load**			
No more than hours per Week	Term I or II 16 Weeks	Express Term 12 Weeks	Summer Term III 10 Weeks	Express Term 6 Weeks
20 Hours	12-15 Credits	9-12 Credits	6-10 Credits	4-6 Credits
30 Hours	9-12 Credits	6-9 Credits	3-6 Credits	3-5 Credits
40 Hours	6-9 Credits	3-6 Credits	3-5 Credits	2-4 Credits

COPYRIGHT REGULATIONS

St. Petersburg College supports and encourages its employees and students to develop scholarly and creative works and educational materials and products (intellectual property) which may be subject to copyright, trademark, or patent regulations and which may generate royalty income. Also, ownership in a work prohibits another's copying of the work or distributing copies of the work unless one or more of the following apply:

* the work was never copyrighted
* the copyright in the work has expired
* the work lies in the public domain
* the copying and/or distribution falls within "fair use" privileged under Section 107 of the Copyright Act of 1976
* the copying and/or distribution falls under certain library or archival copying privileged under Section 108 of the Copyright Act of 1976
* the copyright owner has given appropriate permission

The College's rules and procedures are designed to balance, protect, and define the respective rights of St. Petersburg College, its employees and students regarding intellectual property and copyright laws.

Refer to Board of Trustees' Rules and Procedures 6Hx23-1.35, P6Hx23- 1.35, P6Hx23-1.351 for copyright policies and a description of published and unpublished materials that may be subject to copyright regulations. https://web.spcollege.edu/botrules/

Board of Trustees Rules & Procedures

NOTICE REGARDING POLICIES FOUND IN THIS CATALOG AND CHANGES TO POLICIES

The BOT rules listed in this catalog are a small sample; students need to examine official Board of Trustees (BOT) Rules and Procedures (http://webapps.spcollege.edu/botrules/) to determine complete policies. Students may review official BOT Rules online, at the library or provosts' office.

BOT Rules and Procedures
Academic Affairs & Academic Honesty Policies

6Hx23-4.461   ACADEMIC AFFAIRS: ACADEMIC HONESTY POLICIES

Honor Code—St. Petersburg College expects students to be honest in all of their academic work. By enrolling at the College, students agree to adhere to the College's standards of academic honesty and integrity. Failure to comply with this pledge may result in academic and disciplinary action, up to and including expulsion from the College. As members of the College community, students also have an ethical obligation to report violations of the SPC academic honesty policies they may witness.

All students have an ethical obligation to adhere to the Honor Code and are required to abide by the following Academic Honesty Policies:

I.   Each student is required to subscribe to the Policies upon registration each semester by signing the following pledge, which is contained on the Registration and Drop/Add Form:

I understand that SPC expects its students to be honest in all of their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action, up to and including expulsion from the College.

II.   Students admitted into certain professional programs of the College may be subject to a code of ethics in accordance with the rules and policies of that program and, therefore, subject to such policies as they may relate to sanctions and discipline for infractions involving unethical behavior and matters of academic honesty.

III.   The College has developed policies in regard to conduct which constitutes a violation of Academic Honesty. Those adjudged to have committed such conduct shall be subject to discipline up to expulsion in accordance with the college's established process and procedures.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(8)(f), F.S.

History: Filed – 4/26/11. Effective – 4/26/11.

P6Hx23-4.461　　　PROCEDURE: ACADEMIC AFFAIRS: ACADEMIC INTEGRITY POLICIES

I.　General Definitions

   A.　Academic Integrity: avoidance of violation of Honor Code and Policies and maintenance of academic standards.

   B.　Appeal: a formal request asking for a change in a decision made.

   C.　Student: an individual attending the College whether for credit or non-credit.

   D.　Academic Integrity Committee: A Dean appointed committee made up of two full-time faculty, two student members, and one administrator (who serves as the Chairperson) empaneled by the Facilitator designed to hear cases involving Academic Integrity allegations.

   E.　Business days: Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays and shall exclude Saturdays, Sundays, and Board of Trustees' approved holidays.

   F.　College Intake Designee: The individual designated to receive the academic integrity violation for the department, discipline area, and/or course in which allegations of Academic Integrity have been initiated. The intake designee may be but not limited to: academic chair, instructor in charge, program director, lead faculty, and/or an administrator. Facilitator: The individual designated to serve and assist in the resolution of Academic Integrity allegations/complaints. The Facilitator may be but not limited to: academic chair, instructor in charge, program director, lead faculty, and/or an administrator.

   G.　Facilitator: The individual designated to serve and assist in the resolution of Academic Integrity allegations/complaints. The Facilitator may be but not limited to: academic chair, instructor in charge, program director, lead faculty, and/or an administrator.

   H.　Instructor: an individual teaching course(s) as full-time, part-time and/or credit or non-credit.

   I.　Preponderance of the Evidence: the standard applied during Academic Integrity Committee Hearings which is based on determining the "greater weight of the evidence" which means the more persuasive and convincing force and effect of the entire evidence in the case.

II.　Violations of Academic Integrity

   The definitions of violations of academic integrity include but are not limited to the following:

   A.　Cheating — The improper taking or tendering of any information or material submitted for a course.

      Examples include but are not limited to:

      1.　Copying from another student's test or homework paper.

      2.　Allowing another student to copy from a test or homework assignment.

      3.　Using unauthorized materials during a test, such as the course textbook, notebook, formula lists, notes or crib sheets, including information accessed through a calculator or other electronic devices.

      4.　Collaborating during an in-class or take-home test with any other person by giving or receiving information without authority.

      5.　Taking a test for someone else or permitting someone else to take a test for the student.

      6.　Having another individual write or plan a paper, including those bought from research paper services.

      7.　Violating federal copyright laws, including unauthorized duplication and/or distribution of copyrighted material.

   B.　Plagiarism — The attempt to represent the work of another, as it may relate to: written or oral works; computer-based work; mode of creative expression (i.e. music, media, and/or the visual arts); as the product of one's own thought, whether the other's work is published or unpublished, or the work of a fellow student.

When a student submits oral or written work for a course that includes the words, ideas, and/or data of others, the source of that information must be acknowledged through complete, accurate, and specific references. By placing his/her name on work submitted for a course, that student certifies the originality of all work not otherwise identified by appropriate acknowledgements.

Examples include but are not limited to the following:

1. Quoting another person's actual words without proper citation.

2. Using another person's idea, opinion, or theory, even if it is completely paraphrased in the student's own words without proper citation.

3. Drawing upon facts, statistics, or other illustrative materials without proper citation — unless the information is common knowledge.

4. Submitting a paper purchased from a term paper service as the student's own work.

5. Failing to accurately document information or wording obtained on the internet according to an approved citation format.

6. Submitting anyone else's paper as the student's own work.

C. Bribery - The offering, giving, receiving, or soliciting of any materials, items, or services to gain academic advantage for yourself or another. This does not apply to College approved or sponsored tutoring or supplemental instruction.

1. Examples include but are not limited to the following: Offering another student money, goods, or services in exchange for course work.

2. Offering an instructor money, goods, or services in exchange for a higher grade or exemption from course work.

3. Offering a non-student money, goods, or services in exchange for course work.

D. Misrepresentation - Any act or omission with intent to deceive an instructor for academic advantage.

Examples include but are not limited to the following:

1. Using computer programs generated by another and handing it in as the student's own work unless expressly allowed by the instructor.

2. Being dishonest to an instructor to increase the student's grade.

3. Omission of or misrepresentation of facts when confronted with an alleged incident of academic integrity.

E. Conspiracy - The planning or acting with one or more persons to commit any form of academic dishonesty to gain academic advantage for the student or another.

F. Collusion – The act of working with another person on an academic undertaking for which a student is individually responsible, unless working together on an individual assignment has been prior approved. On group projects, students must stay within the guidelines set by the instructor and this Procedure. If the instructor provides additional guidelines, they must be followed. Failure to do so also constitutes a violation of this Procedure.

Examples include but are not limited to:

1. Collaborating during an in-class or take-home test with any other person by giving or receiving information without authority.

2. Collaborating in-person or online with any other person by giving or receiving information without authority for an online or blended class.

G. Fabrication - The use of invented or fabricated information, or the falsification of research or other findings with the intent to deceive for academic and/or professional advantage; the falsification or misrepresentation of experimental data; and violating the professional ethics that are established in clinical activities, science labs, research projects or internships.

Examples include but are not limited to the following:

1. Citing information not taken from the source indicated.

2. Listing sources in a Works Cited or reference not used in the academic exercise.

3. Inventing data or source information for research or other academic exercise.

4. Submitting any academic exercise as one's own (e.g. written or oral work, sculpture, computer program, etc.) prepared totally or in part by another, including online sources.

5. Falsifying records of hours in the field.

H. Duplicate Submission - Submission of the same or substantially same paper/project in more than one course unless prior permission has been obtained from the current instructors if the paper/project is being used in two classes in the same term or from the subsequent instructor if being used in a subsequent term.

I. Academic Misconduct— The intentional violation of College policies by tampering with grades or taking part in obtaining or distributing any part of a test, quiz, or graded assignment.

Examples include but are not limited to the following:

1. Stealing, buying, downloading, or otherwise obtaining all or part of a test and/or test answers.

2. Selling or giving away all or part of an unadministered test and/or test answers.

3. Asking or bribing any other person to obtain a test or any information about a test.

4. Changing, altering, or being an accessory to changing and/or altering of a grade in a grade book, on a computer, on a test, on a "change of grade" form, or on other official academic records of the College which relate to grades.

5. Continuing to work on an examination or project after the specified time has elapsed.

J. Improper Use of Any Electronic Device

Use of electronic devices such as calculators, cell phones, watches, computers, or other items that are not authorized by the instructor.

Examples of improper use of electronic devices include but are not limited to:

1. Unauthorized access, modification, use, creation or destruction of calculator-stored or computer-stored data and programs.

2. Selling or giving away all or part of the information an electronic device, which will be used as course work.

3. Sharing an electronic device while leaving answers on display or in memory.

4. Submitting a duplicate computer printout with only the student's name changed. This applies to homework and tests.

5. Unauthorized use of an electronic device to search for solutions during an exam.

K. Improper Online, Hybrid, and Blended course use include:

1. Having or providing unauthorized outside help when completing online quizzes or assignments.

2. Obtaining access to confidential test materials or questions before quizzes or assignments.

III. Initial Process: Alleged Violation of Academic Integrity Policy

    A. Initial Reporting:

        1. When a student is alleged to have violated the Academic Integrity Policies, the faculty member involved shall notify the college designee of that department regarding the allegations. The faculty member shall bring evidence to support the allegation.

        2. The intake designee shall check the college-wide database on academic integrity violations to determine if this was the student's first reported offense. The intake designee will be responsible for editing and updating the college-wide database with each new report of an alleged violation.

            a. First Offense: If the alleged violation would be the student's first offense (as found above in Section II. Violations of Academic Integrity) and the faculty member believes there are no circumstances that require the imposition of a sanction other than a discretionary education assignment and/or a reduced or failing grade on the assignment or in the course, then the faculty member may attempt to resolve the alleged violation in accordance with the process and procedures set forth herein below IV. A.-C.

            b. Second Offense or Serious Violation: If the alleged violation would be the student's second offense; if the alleged violation would be classified as a serious violation; or if the faculty member believes a more severe sanction other than a discretionary education assignment and/or a reduced or failing grade on the assignment or in the course is warranted, the alleged violation shall be automatically forwarded for resolution in accordance with the process and procedures set forth herein below V. Committee Determination Process.

    B. Academic Integrity Incident Reporting:

    When a student is alleged to have violated the Academic Integrity Policies, the faculty member is obligated to report all allegations/complaints regarding Academic Integrity Policies on the Academic Integrity Incident Report. For allegations/complaints received on site at the departmental offices, the complainant will be provided access to a space within which to file the allegation/complaint.

    C. Assignment of Facilitator:

    Once the allegation is reported and received, it will be referred to a designated Facilitator. The Facilitator should not be a member of the department in which the alleged violation has occurred.

    D. Withdrawal Prohibited:

    A student shall not be permitted to withdraw from the course once informed of a suspected academic integrity violation. The college designee, academic chair or dean shall place a registration hold on the student's record to restrict withdrawals. The registration hold shall be released at the end of the course. Any class that a student withdraws from in violation of this restriction shall be reinstated until the charges are resolved.

IV. Faculty Determination Process

    A. Faculty and Facilitator Consultation:

    In accordance with Section III. Initial Process: Alleged Violation of Academic Integrity Policy, the faculty member shall collaborate with the assigned Facilitator to attempt to resolve the alleged violation with the student. The Facilitator will be the main point of contact for the faculty member and the student throughout the entirety of the process.

    B. Meeting with Student:

    The faculty member then shall meet with the student to discuss the alleged violation and the sanctions which the faculty member intends to impose. The faculty member may request that the Facilitator attend the meeting between the faculty member and the student. The meetings will be set and communicated through college email addresses. Three missed meetings may result in the allegation/complaint being closed and dismissed.

    C. Faculty Action Plan and Follow Up:

After meeting with the student, the following outcomes may occur:

1. Drop Charges

   Drop the charges if, in the faculty member's judgment, the allegation appears to be unsubstantiated.

2. Student Agrees to the First Offense

   If the student agrees that a violation has occurred and that the remediation and/or sanction imposed is warranted, the faculty member shall fill out an Academic Integrity Form and the student and faculty member shall both sign the Academic Integrity Form.

   a. A student's signature on the Academic Integrity Form shall act as a waiver of all other available adjudicatory procedures or appeals related to the matter.

   b. A faculty member shall send the original fully executed Academic Integrity Form to the designated Facilitator and the intake designee. The faculty member shall keep a copy for his or her own file. The college designee shall attach the Academic Integrity Form to the student's record in the college-wide database.

3. Faculty Imposes First Offense Sanction(s)

   a. Notification of Faculty Sanction: If the faculty member determines that the appropriate sanction is a discretionary education assignment; a reduced or failing grade on the assignment; and/or receiving a failing grade in the course, the Facilitator and the faculty member must notify the student of the violation and their right to appeal.

   b. Student's Right to Appeal: If the faculty member determines that the appropriate sanction is a discretionary education assignment; a reduced or failing grade on the assignment; and/or receiving a failing grade in the course and the student does not agree that a violation of the Academic Integrity Policy has occurred or that the imposed sanction(s) are appropriate, the student has the right to appeal to the Academic Integrity Committee.

      The student may within seven (7) business days of receiving notice of the faculty member's determination file a written appeal via email to the Facilitator and faculty member who issued notice of the faculty sanction(s) set in 3(a) above. The Facilitator will notify the college designee in which the sanction was imposed of the student's intent to appeal. The student who disagrees with the actions of the faculty member must state the reasons or grounds in support thereof. If the student fails to file a written appeal within the time set forth above, the sanction(s) shall become final and shall constitute a waiver of all other adjudicatory procedures or appeals.

   c. Forwarding Student's Appeal to Academic Integrity Committee: If the student files a timely appeal, the Academic Integrity Committee will be empaneled to hear the appeal within 15 business days.

V. Academic Integrity Committee Determination Process

   A. Academic Integrity Committee Structure and Membership: The Dean will appoint an Academic Integrity Committee ("Committee") consisting of two faculty, two students and one administrator who will serve as the Chairperson. These appointees may be from a campus other than where the matter took place. Committee members must not be associated with the situation being presented.

   B. Student's Appeal from Faculty Determination Process Imposing First Offense Sanctions

   Facilitator Reporting: Once a student has filed a proper appeal of the faculty member's first offense sanctions, the Facilitator must update the allegation on the Academic Integrity Reporting Site and prepare the appeal for the Committee determination hearing as set forth below.

   C. Recommendation Process for Hearing on a Second Offense or Serious Violation Warranting Disciplinary Action

   Faculty and/or Facilitator Reporting: Once a faculty member has identified on the Academic Integrity Reporting Site that the allegation is a Second Violation and/or Serious Violation Warranting Disciplinary Action, the Facilitator will prepare the documentation of the incident for the Academic Integrity Committee ("Committee") for a determination hearing within 15 business days.

D.   Academic Integrity Committee Duties and Responsibilities

1.   The Committee's purpose in a hearing and/or appeal is to make a finding of fault and recommendations of sanctions regarding any matters of academic integrity violations.

2.   The Facilitator and the Committee Chairperson ("chairperson") shall investigate and set the issues regarding the allegations/violations surrounding the incident.

3.   In advance of the Committee hearing, the chairperson shall consult with members of the Committee regarding their responsibility to be fair and unbiased.

4.   The chairperson shall schedule the hearing, give the persons directly involved notice of the hearing and furnish all the parties with a copy of the incident and supporting facts and allegations. The student and the other party may, at their own expense, be accompanied by an advisor, advocate, or legal representative who can fully participate in the hearing process.

5.   The Notice of Hearing shall provide written notice of the disciplinary proceeding at least 7 business days prior to the proceeding, that includes the allegations, a specific citation to the code of conduct provision to be used for the disciplinary proceeding, and the student's rights in the proceeding.

Such rights include:

a.   The student shall be provided a list of witnesses who provided information to the institution or who will provide information at the proceeding, as well as all known pertinent evidence or information at least 5 business days prior to the proceeding. The student shall not interfere with a witness providing information, evidence, or testimony and may not in any way intimidate a witness.

b.   The student shall be presumed innocent until the College carries its burden of proof, which shall be the preponderance of the evidence standard.

c.   The right to an impartial hearing officer.

d.   The right to remain silent and that such silence will not be used against the student.

e.   The right to present relevant evidence and question witnesses.

f.   The right to an advocate or advisor provided by the institution to assist the student in understanding their rights.

g.   The right, at the student's own expense, to hire an advisor, advocate, or legal representative to be present and who can fully participate in the disciplinary proceeding. However, the student shall provide the College with notice no less than 5 days prior to the hearing that the student will be represented by advocate, advisor, or legal representative.

h.   The right to appeal the decision.

i.   A complete and accurate recording will be made of the proceeding and any appeal and such recording shall be made available to the student upon request.

6.   The student shall present his/her case first. The faculty will then respond to the student's presentation. The parties are responsible for assuring the attendance of their respective witnesses. (The Committee has no subpoena power.)

7.   The chairperson shall instruct all witnesses (except the parties) to wait outside of the hearing room and not discuss the case with the other witnesses during the course of the hearing. Witnesses will be called into the hearing room when the party offering their testimony is ready to offer the witnesses testimony. The parties, however, may discuss the case with the witnesses during recesses of the hearing.

8.   The chairperson shall make rulings regarding hearing procedures, time allowed for presentations, admission of evidence, the limiting of cumulative evidence and/or witnesses and make such other rulings as otherwise may be necessary or appropriate.

9.   The chairperson may grant a continuance only in the event of extenuating circumstances.

10. When the student requests a hearing and/or appeal, the Committee shall consider procedural and substantive matters and concerns and shall take such action as is deemed by the Committee to be in the best interests of all concerned.

11. At any point in the proceedings prior to the time when the Committee meets to consider its decision, the student(s) may withdraw the appeal and agree to the sanctions by so informing the chairperson in writing.

12. The Committee shall record its decision in writing (the decision letter), within 5 business days after the conclusion of the proceedings. The Committee chairperson shall notify the student, the faculty member, the Facilitator, and the college designee and/or academic chair via email a copy of the decision letter to the student.

VI. Final Appeals

A. Appeals Directly to Dean/Program Administrator if the recommended sanction is **anything other than** suspension, dismissal or expulsion from the College:

This appeal must be filed with the Dean/Program Administrator within 10 business days after the date of the decision letter from the Committee. Failure to file an appeal with the Dean/Program Administrator within the 10 business days after the date of the decision letter shall constitute a waiver and bar of the parties' rights. The Dean/Program Administrator shall provide the parties with a written decision regarding the appeal within 10 business days. This is the final step in the appeal process. The decision of the Dean/Program Administrator is final.

B. Appeals Directly to Dean/Program Administrator if the Committee's recommended decision/sanction is suspension, dismissal or expulsion from the College:

1. This appeal must be filed with the Dean/Program Administrator within 10 business days after the date of the decision letter from the Committee. The Dean/Program Administrator, the Committee Chairperson, and the College General Counsel must consult regarding the student and the recommended sanction(s). The student will be notified of the suspension, dismissal or expulsion from the College within 10 business days of the consultation between the Dean/Program Administrator, the Committee Chairperson, and the College General Counsel.

2. Failure to file an appeal with the Dean/Program Administrator within the 10 days after the date of the decision letter shall constitute a waiver and bar of the parties' rights. The student will be notified of the suspension, dismissal or expulsion from the College.

C. All Academic Integrity outcomes, decisions, hearings, and/or appeals must be reported on the Academic Integrity Form to the student's record in the college-wide database.

VI. Alleged Violations Occurring at the End of a Term

A. Assignment of Incomplete as Grade:

In the event a faculty member alleges a violation of the Academic Integrity Policy by a student at the end of a term and: (i) the alleged violation is unable to be resolved before grades are due for the term; and (ii) is a violation of the nature that the faculty member may handle, the faculty member shall award the student a grade of "incomplete" in the course. The faculty member shall consult with the Facilitator to put the student on notice that an alleged violation of the Academic Integrity Policy has occurred and that the student must respond to the allegation, as listed in or waive the right to appeal/oppose any imposed sanction.

B. Attempts by Faculty Member to Contact Student:

If the faculty member's initial attempt to contact the student after the term has ended is unsuccessful, the faculty member shall consult with the Facilitator to notify the student. This notification should inform the student that the faculty member believes a violation of the Academic Integrity Policy occurred and that the student has twenty (20) business days from the receipt of the email and/or letter to respond to the charge. If the student fails to respond within twenty (20) days of receiving the faculty member's email or certified mail, return receipt requested, the faculty member shall impose the sanction, and the student shall be deemed to have waived any and all rights to appeal the sanction(s).

C. Student's Rights after End of Term:

If the student fails to respond to the alleged violation within six (6) months of the notice of the allegations and/or recommendation of a sanction of suspension, dismissal or expulsion from the College and the email and/or mailing of the letter, the student shall retain the "F" in the course, the recommended sanction shall be imposed, and the student shall be deemed to have waived any and all rights to appeal such sanctions.

History: 7/28/21. Filed – 7/28/21. Effective – 7/28/21.

Academic Average & Repeat Courses

6Hx23-4.15   ACADEMIC AVERAGE AND REPEATED COURSES

The Board of Trustees delegates to the President the responsibility to establish and implement policies and procedures related to the calculation of academic averages and repeated coursework. Such delegation shall include implementing procedures related to the determination of grades to be included in a student's grade point average, a process for reviewing requests to exclude certain coursework from grade point average calculations, and defining standards concerning repeated course attempts and fees in accordance with state Board of Education rules. It is the responsibility of the President that these procedures are disseminated and fully observed, and that a viable process for reviewing extenuating circumstances for purposes of determining financial hardship is established.

Specific Authority:1001.64(2) & (4), F.S.
Law Implemented: 1001.64(8), 1004.68, 1001.02, 1001.03, 1009.28, 1009.285, 1004.93, F.S.

History: Filed – 10/17/11. Effective – 10/17/11.

P6Hx23-4.15   PROCEDURE: ACADEMIC AVERAGE AND REPEATED COURSES

PURPOSE AND INTENT:

To provide for a student's grade point average that will include grades on all college level work attempted. If a course is repeated more than once, only the grade on the last attempt will be used in computing the average.

I.   A student may repeat a course once for which a grade of "C" or higher has been earned. Retaking the course may be allowed if it is required for:

        a.   Teacher recertification
        b.   Specifications of a regulatory agency
        c.   Licensure
        d.   Program requirements
        e.   Replace credit earned through examination, i.e. AP, IB scores.

        Repeating a course to meet program requirements is either (1) for the purpose of improving the grade to be considered for admission to a specific program or (2) a significant length of time has elapsed since the course was originally taken and the student needs to update knowledge to meet current program requirements. Under this provision, the highest grade earned will be used in computing the average GPA.

        To request to repeat a course the student must submit a written appeal request to the appropriate Dean along with supporting documentation.

II.   A student enrolled in the same college-level course more than twice will be assessed fees at 100 percent of the full cost of instruction equal to the rate charged non-Florida residents. Students may have their fees reduced once for each class due to extenuating circumstances as determined by the campus provost or associate provost or designee whose decision in the matter shall be final. An attempt shall be defined as each enrollment in a college/college preparatory course past the drop/add period regardless of the grade received. A fourth attempt may be allowed only through an academic appeals process based on major extenuating circumstances as determined by the Dean/Program Administrator. In addition, at the third or any subsequent attempt, the student may not receive a grade of "W" or "X", but must receive the letter grade earned. When a course is repeated or when credit cannot be received in both of two courses, credit will be allowed only in the more recent course taken, even if the later grade is lower than a previous grade. Except where provided in the course description, multiple credit will not be granted for the same course.

        In order to request a fourth attempt in a course the student must submit an Academic Appeal to Dean Form within 10 working days of the receipt of the final grade for the third attempt for the course to the Dean/Program Administrator. The Dean/Program Administrator will respond to the student within 10

working days of the receipt of the request with the decision to approve or deny the request. The decision of the Dean/Program Administrator is final, with no appeal available.

III.   Credit for previous attempts will not be taken away until the course has been repeated the maximum number of times allowable for credit.

IV.   After the maximum has been reached, the loss of credit for earlier attempts will be applied first to the attempt with the lowest grade, then successively to the next highest grade, etc.

The symbols to be used for designating grades are standardized for all Florida community colleges in Appendix II (Common Transcript Standard Form) to the articulation agreement between the state universities and the public community colleges of Florida. The appendix also specifies a 4-point grading system for determination of grade point averages.

Section 2C of the articulation agreement provides that only the final grade received in courses repeated by the student shall be used in computing the grade point average even if the final grade received is lower than the initial attempt(s).

The college uses the following letter grades (and grade points):

	Grades used in G.P.A. computation:			Grades not used in G.P.A. computation:
A	4 grade points	Excellent	W	Withdrawal
B	3 grade points	Good (Non-Credit)	S	Satisfactory
C	2 grade points	Average	X	Audit
D	1 grade point	Poor	I	Incomplete
F	0 grade points	Failure	N	No Credit
WF	0 grade points	Failure		(College Prep)
(Attendance Policy Violation)			P	Passing (College Level)

Grades are submitted by instructors electronically using a secure, password protected grade roster.

The computer program records the grade, assigns the grade points associated with the letter grade, and records the grade points earned for the course. The program then summarizes the course totals for the session:

A.   Hours earned: Actual hours earned (whether grade points are assigned or not; e.g., "S" grades).

B.   Hours attempted for G.P.A.: Includes all courses in which the assigned grade has a grade point value of 0-4.

C.   Total grade points.

D.   Grade point average: The G.P.A. is the ratio obtained by dividing item C. by item B. above.

The program then searches the permanent record file to determine if any of the courses in the current session appear previously on the permanent record file. When such a course is present, the previous hours earned, hours attempted, and the grade points are excluded from the summary and the last (latest) attempt is designated by an "R" (repeat), even if the grade in the last attempt is lower (earning fewer grade points).

To determine repeated courses, the data systems programs will check transfer work as well as previous college work on the permanent record file.

The on-line permanent record file represents an accumulation dating back only to Session I, 1969-70. When a student's record includes work which has not been accumulated on the file, the college registrar adds "pre 69" data to the on-line permanent record.

V.   Requests to Exclude Coursework from Grade Point Average Calculations

A.   Coursework attempted more than 10 years ago may be excluded from grade point average calculations according to the following criteria:

1.   There must be a break in the student's continuous enrollment for a period of 5 or more years.

2.   Evidence of a material change of circumstances (i.e., change of career direction) must be present

and documented in writing by the student.

    B.   A written request to exclude coursework from grade point average shall be made by the student and submitted to the associate provost. The associate provost will consult with the director of admissions and records to determine if the student meets the criteria.

        1.   Decisions to exclude coursework attempted must include the exclusion of all coursework attempted prior to the date requested by the student, but not before the 10-year limit specified in Paragraph IV. A.

        2.   Coursework deemed to be eligible for grade point average exclusion shall remain on the student's permanent record and will be reflected on the student's transcript.

    C.   Coursework attempted within the last 10 years shall be included in grade point average calculations and is not eligible to be excluded from the student's grade point average.

    D.   Exceptions to the above provisions may be considered in cases where the student is without opportunity to repeat a course(s) at St. Petersburg College as provided herein.

    E.   Coursework used to award prior degrees, college certificates, or applied technology diplomas from St. Petersburg College is not eligible to be excluded from grade point average calculations.

History: Filed – 9/18/18. Effective – 9/18/18.

Academic Warning, Probation, Suspension and Dismissal

6Hx23-4.46   ACADEMIC WARNING, PROBATION, SUSPENSION AND DISMISSAL

    The Board of Trustees directs and authorizes the President, or his or her designee, to establish and implement procedures related to academic warnings, academic probation, and the suspension and dismissal of students based on academic performance and grade point average.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(8), 1004.68, 1001.02, 1001.03, F.S.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.46   PROCEDURE: PROGRAM-BASED GOOD ACADEMIC STANDING, ACADEMIC WARNING, PROBATION, SUSPENSION AND DISMISSAL

    I.   Program-Based Academic Standing Definition

    To measure students' academic progression, the College uses the courses and grades associated with the student's current program of study. The measurement consists of:

    A.   Program GPA – the grade point average of those completed courses which are used to satisfy the requirements for graduation in the student's current program of study.

    B.   Program completion percentage (Pace) – those credits which can be used to satisfy the requirements for graduation in the student's current program of study which were successfully completed divided by all attempted credits which can be used to satisfy the requirements for graduation in the student's current program of study.

    II.   Good Academic Standing

    Students admitted into college credit programs must maintain at least a 2.0 program-based GPA and complete 67% of program-based coursework (i.e. completion percentage). Transfer courses and grades which are a part of a student's current program of study are included in this calculation. Once a student no longer meets these requirements, they will be placed on Academic Warning, Probation, Suspension or Dismissal (as described below).

    III.   Academic Warning

    A.   When a student no longer meets the Good Academic Standing requirements (as defined above),

they will be placed on Academic Warning.

    B.   Once a student is placed on Academic Warning, they will have one term to increase their program-based GPA and program-based completion percentage to meet the Good Academic Standing criteria or they will be placed on Academic Probation, the following term.

IV.   Academic Probation

    A.   Once a student is placed on Academic Probation, their term based GPA and completion percentage will be evaluated at the end of each term. The student will stay on Academic Probation until one of the following occurs:

        1.   The student's program-based GPA and completion percentage both meet the Good Academic Standing criteria. This will be evaluated at the end of each term. Once this occurs the student will be considered in Good Academic Standing, the following term.

        2.   The student's program and term based GPA drops below a 2.0 and/or their completion percentage drops below 67% of all term coursework (as defined above). Once this occurs the student will be placed on Academic Suspension, the following term.

V.   Academic Suspension

    A.   Once a student is placed on Academic Suspension, they will not be allowed to enroll for one term.

    B.   Before re-enrolling the student is required to consult with an academic advisor and a learning support specialist to complete the terms of a Student Success Contract. Depending on the student's individual needs, the Student Success Contract may require a student to successfully complete non-credit sessions on topics such as time management, study skills, and life planning.

    C.   When the student returns to the College, they will be placed back on Academic Probation and subject to those rules. However, if the student's program and term based GPA drops below a 2.0 and/or their program-based completion percentage drops below 67% of all term coursework (as defined above) the following term, this will result in the student being placed on Academic Dismissal. Students who do not meet the requirements of Academic Probation in subsequent terms will be placed on Academic Suspension.

VI.   Academic Dismissal

    A.   Once a student is placed on Academic Dismissal, they will not be allowed to enroll for one academic year.

    B.   Before re-enrolling the student is required to consult with an academic advisor and a learning support specialist to complete the terms of a Student Success Contract. Depending on the student's individual needs, the Student Success Contract may require a student to successfully complete non-credit sessions on topics such as time management, study skills, and life planning.

    C.   When the student returns to the College, they will be placed back on Academic Probation and subject to those rules. However, if the student's program and term based GPA drops below a 2.0 and/or their program and term based completion percentage drops below 67% (as defined above), this will result in the student being placed on Academic Dismissal, the following term.

VII.   Additional Information

    A.   This procedure is in addition to any approved program specific Academic Standing, Warning, Probation, Suspension, and/or Dismissal rules and procedures. Program specific procedures may supersede the rules contained within this procedure.

    B.   Definition of terms:

        1.   Completion of a course is defined as a grade of A, B, C, D or P.

        2.   All GPA calculations include developmental coursework.

        3.   All completion percentages exclude developmental coursework.

        4.   Transfer credits applicable towards the student's current program of study are included in both the completion percentages and GPA calculations.

C.   Terms of the Academic Standing are not subject to appeal.

History: Filed – 2/17/16. Effective – 2/17/16.

Acceleration Mechanisms

6Hx23-4.28   ACCELERATION MECHANISMS

The Board of Trustees authorizes and directs the President, or his or her designee, to establish and offer accelerated mechanisms and options for those students who seek to receive a degree in less than the traditional length of time, in accordance with the provisions of the pertinent Florida Statutes and State Board of Education Rules.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(8), 1007.27, 1007.271, F.S. SBE Rules 6A-14.031, 6A-14.054, F.A.C.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.28   PROCEDURE: ACCELERATION MECHANISMS

In order to accelerate student completion of degrees, credit may be accepted for transfer from the following sources in addition to instruction provided by the College: Advanced Placement (AP), Advanced International Certificate of Education Program (AICE), International Baccalaureate (IB), College-Level Examination (CLEP), DSST (DANTES), Defense Language Proficiency Test (DLPT), Excelsior College Exams (UExcel); Assessment of Prior Learning/Experiential Learning Program (ELP): Career and Technical Education Articulation Agreements, and Correspondence or Extension Courses. The maximum amount of credit which may be accepted from exams is 45 credits (6A-10.024). The maximum amount of credit which may be accepted from all sources in combination must not exceed 75% of the program requirements. Credits awarded may be limited by program requirements.

In instances where students utilize only one source, the typical maximum amount of credit which may be accepted is as follows:

College-Level Examination Program	45 semester hours
Advanced Placement Examinations	45 semester hours
International Baccalaureate Program	30 semester hours
Assessment of Prior Learning/ Experiential Learning Program (ELP)	45 semester hours
Career and Technical Education Articulation Agreements	45 semester hours

I.   College-Level Examination Program (CLEP)

The College participates in the general examination program and the selected subject examination program. Decision as to accept-ability of subject examinations is made by Academic Affairs, within the restrictions imposed by Paragraph 6A-14.031(1)(a), State Board of Education Regulations.

The acceptable examinations, minimum acceptable scores for each examination, the course(s) for which credit will be granted and the number of semester hours credit for each examination are published on the College's website and updated annually by the Office of Admissions & Records.

Score reports are transmitted by the Educational Testing Service, Princeton, N.J., to the Office of Admissions & Records.

The Office of Admissions & Records evaluates the test results and the equivalent courses for which credit has been granted are entered onto the student's course record. The percentile score (for general examinations) or the scaled score (for subject examinations) is also recorded.

II.   Advanced Placement

Advanced Placement examinations are a special program of the College Entrance Examination Board offering special instruction to high school seniors.

The examination must have been taken while the student is still enrolled in high school.

Advanced Placement credit is treated as test credit. The procedures followed for the granting of credit are the same as those followed for the College-Level Examination Program.

Scores are reported to the College on a scale of 5 to 1, with 5 being the highest. Credit will be granted to students who achieve scores of 3, 4, or 5, on one or more of the Advanced Placement Program examinations. Such credits will be transferable to institutions of higher education within the State of Florida which participate in the State Advanced Placement Program. The acceptable examinations, minimum acceptable scores for each examination, the course(s) for which credit will be granted and the number of semester hours credit for each examination are published on the College's website and updated annually by the Office of Admissions & Records.

III.   Early Admission

Upon completion of the 11th grade, a public high school student who satisfies requirements stated on the Early Admission Application may enter St. Petersburg College.

The requirements for admission under this category are established by the Board of Trustees and are so stated in the catalog and on the Early Admission Application.

The application of a student applying for early admission is not processed until all required items (application, test scores, high school transcript, Early Admission Application) are complete.

The student is notified by letter of the action taken.

A student admitted under this category is a fully matriculated student, but without a high school diploma.

The Pinellas County School Board will award a diploma to the student at a later date if the student presents a transcript showing completion of 30 semester hours of satisfactory college work. The responsibility for applying for the diploma rests with the student. The College has no automatic procedure for notifying the high school.

Similar arrangements may be made by students accepted from schools outside Pinellas County. Such arrangements are between the student and the high school, and the College accepts no responsibility for notifying the school.

IV.   International Baccalaureate

St. Petersburg College will grant college credit to a student who presents a score of 4, 5, or 6 on one or more of the International Baccalaureate examinations. Credit thus granted is transferable among Florida institutions of higher education participating in the statewide articulation agreement.

The acceptable examinations, minimum acceptable scores for each examination, the course(s) for which credit will be granted and the number of semester hours credit for each examination are published on the College's website and updated annually by the Office of Admissions & Records.

V.   Credit by Assessment of Prior Learning/Experiential Learning Program (ELP)

Credit may be awarded under this area for learning in a discipline or program area(s) offered by the College. The assessment of learning shall take place through means consistent with generally accepted techniques of measuring college-level learning. The techniques may include written and oral examinations, portfolio evaluations, interview assessments, and project or product evaluations. In addition, other methods of evaluation shall include use of ACE transcripts, the MOS Specialty Guide and the CAEL Guide. Such assessment shall certify levels of attainment consistent with the content and performance expectations established in the curriculum of the College for equivalent courses. Experiential Learning Program (ELP) replaces internal/challenge exams and other methods of evaluating and crediting prior learning.

The discipline program directors, by college-wide agreement, will determine which courses within the curriculum of the department may be eligible for assessment through experiential learning. Program directors will consult annually with advisory committees and discipline instructors to update the listing of courses eligible for assessment through the Experiential Learning Program. The College limits the credit earned through the Experiential Learning Program for Associate in Science and Certificate Programs to 50 percent of the core courses and/or courses within the major. If a student can demonstrate prior learning, the College will award credit for achievement rather than have the student repeat the learning sequence.

When the student has successfully completed an assessment of prior learning, credit is reported according to described

procedures:

    A.   When the student completes the assessment, the ELP Office will notify the student of the outcome. A grade of "P" will be recorded for the course if credit is awarded.

    B.   A student may not be registered for a course and be simultaneously evaluated for his/her prior learning of that course.

Pursuant to State Board of Education Rule 6A-14.054, matriculation and tuition fees shall not be charged for the assessment of prior learning or the awarding of credit based on prior learning, regardless of whether the prior learning was acquired through instruction provided by the College or through instruction or experience external to the College.

Students who are evaluated for the assessment of prior learning shall be charged a fee as prescribed in Board of Trustees' Rule 6Hx23-5.17 Student Fees.

VI.   Career and Technical Education Articulation Agreements

Credit may be awarded to students via the following types of articulation agreements:

Pinellas County Schools agreements

Pinellas Technical College agreements

Statewide Career Pathways articulation agreements

Statewide Applied Technical Diploma (ATD) to AS/AAS agreements

Statewide Gold Standard Career Pathways Articulation of Industry Certification to AS/AAS Degrees agreements

Industry certification or credentialing agreements

Other workforce training program and provider agreements

Tampa Bay Career Pathways Consortium agreement

Requirements for eligibility vary by articulation agreement. A complete list of articulation agreements, their eligibility requirements, and the application process is provided on the College's website. This is maintained by the Career Connections department.

No fees are assessed for credits awarded through articulation agreements. Students expecting to transfer articulated credits to another institution should be advised to become familiar with that institution's acceptance policy. Transfer of these credits to other institutions is not guaranteed.

Articulated credits are not typically considered as credit taken for residency purposes (Procedure P6Hx23-4.24). Credits articulated from sources outside of SPC programming will not be utilized to satisfy residency requirements. However, credits articulated from SPC programs may satisfy residency requirements. In addition, at the discretion of the dean, credits from articulation agreements may be used to supersede the requirement of completing 12 credits in a major for A.S. degrees at SPC.

VII.   Military Credit

College credit or career education clock hours will be awarded for courses taken and occupations held by individuals during their service in the military. Credit will be awarded in accordance to the course equivalencies as determined by the statewide Articulation Coordinating Committee (ACC). The course equivalency list is review and posted to the College's website on an annual basis by the Office of Admissions & Records.

The equivalent course will be posted to the student's academic record, unless (1) it would be advantageous to the student to award a specific course number with equal credit that satisfies program prerequisites or other requirements or (2) the College does not offer the equivalent course.

VIII.   Credits under this Procedure are awarded with a "P" grade and no quality points are assigned. Credit will not be awarded which is duplicative of credit awarded through any other accelerated mechanism, courses taken at St. Petersburg College, or courses received in transfer. However, if the course(s) for which credit is awarded under this Procedure has a previous grade of "F," the provisions of Procedure 6Hx23-4.15 will be applied.

History: 6/28/22. Filed – 6/28/22. Effective – 7/1/22.

Admissions Requirements

6Hx23-4.02   ADMISSION REQUIREMENTS

St. Petersburg College has established standards for admission to the institution and its programs to assist students with their transition to college studies. The Board of Trustees delegates to the President authority to develop and establish admission requirements and policies as set forth in the College's procedures.

Specific Authority: 1001.64 (2) & (4), F.S.
Law Implemented: 1001.64(5), (6), (7) & (8), 1003.435, 1004.73, 1007.22, 1007.235, 1007.24, 1007.25, 1007.263, 1007.264, 1009.23, 1009.25(3), 1009.26, F.S.; SBE Rules 6A-10.024, 6A-10.030, 6A-10.041, 6A-19.001, 6A-19.002, F.A.C.; Title VI of Civil Rights Act of 1964; Title IX, Education Amendments of 1972; Section 504, Rehabilitation Act of 1973, as amended; Americans with Disabilities Act of 1991; Age Discrimination Act of 1975; SB 20, 2002 Legislature.

History: Filed – 9/20/11. Effective –9/20/11.

P6Hx23-4.02   PROCEDURE: ADMISSION – GENERAL ADMISSION REQUIREMENTS

I.   Application and Registration Eligibility for Credit Courses

In order to enroll in college credit courses:

A.   Applicants must submit the official St. Petersburg College Application for admission as a credit-seeking student. The Application for Admission will remain active for one year. If the applicant does not enroll after one year from the time of the application is submitted, the applicant shall submit updated information to the College.

B.   Upon receipt of the application, a student identification number and SPC email account will be provided to the student.

II.   Admission Requirements to College-Credit Programs (Degrees, Certificates, or Diplomas)

A.   All entering credit-seeking students may indicate a college credit program of choice on the Application for Admission. There are certain limited admission programs, credit courses and baccalaureate programs for which the College may require additional admission documents and standards. For more information, see the College's website, College Catalog, Student Handbook, and program specific publications.

B.   For admission to College-Credit programs, the student should:

1.   Submit evidence of graduation from a valid high school, a GED transcript, a home school affidavit, or evidence of competency in previous college-credit courses at SPC or another regionally accredited postsecondary institution.

    a.   Competency is defined as an earned grade of C or better in one or more college-credit classes, excluding remedial, at a regionally-accredited institution in the United States.

    b.   A student who has completed high school at a school outside of the United States should submit an official comprehensive evaluation provided by an agency affiliated with the National Association of Credential Evaluation Services (NACES), indicating that high school completion at that school is equivalent of a high school diploma in the United States.

    c.   Students who have earned an associate's degree or higher from a regionally accredited institution are not required to furnish evidence of high school completion, provided the student submits an official college transcript evidencing the degree has been awarded.

2.   High School Transcripts: SPC defines as valid, and accepts high school diplomas, that meet any of the following criteria:

    a.   All public high schools within the U.S. or U.S. territories

    b.   Regionally accredited high schools

    c.   High schools accredited by the Distance Education and Training   Council (DETC) or AdvancEd

      d.   All state and military-issued General Education Diplomas (G.E.D's)

      e.   Foreign High School transcripts evaluated by a NACES affiliate as equivalent to a standard high school diploma

      f.   Private High Schools previously validated by St. Petersburg College.

All other high school transcripts must be validated. Students are expected to participate in the collection of the required documentation so that the College can make an informed decision on the validity of the student's diploma and the diploma-granting institution. Generally, schools that offer an exam for a diploma, and do not fit in the categories above, are not acceptable by SPC as a valid high school. At SPC, the responsibility for determining the validity of a high school is by the Director of Admissions and Records or designee.

3. Take the College Placement Test. In lieu of taking the College Placement Test, the student may provide evidence of one of the following:

      a.   Test scores from a college placement test, SAT, or ACT that are less than two years old. The highest score will prevail.

      b.   A college transcript demonstrating achievement of college-level communication and computation skills may also be provided in lieu of test scores. In the absence of test scores or college-level courses meeting this requirement, the student will be required to take the College Placement Test prior to enrolling.

      c.   Students who entered 9th grade in a Florida public school in the 2003-2004 school year, or any year thereafter, and earned a Florida standard high school diploma, or a student who is serving as an active duty member of any branch of the United States Armed Services, are not required to take the College Placement Test.

C. Upon completion of the above items, the student will be considered eligible for admission into an Associate's degree, certificate or college credit diploma program at SPC, unless the program has additional requirements (as in selective admissions health programs or some law enforcement programs).

III. Students Not Seeking Admission to a College Credit Program

A. Credit-seeking students indicating that there is no intent to earn a degree, certificate, or diploma while at SPC may be admitted to enroll for credit courses, with the following limitations, and shall be classified in one of the following categories:

1. Dual enrolled high school students

2. Transient students from another college (see Procedure 4.07)

3. Students taking classes only for personal enrichment or job improvement

4. Teacher re-certification (or other baccalaureate certificates)

B. Students in the above categories are not required to submit the same documents as those whose intent is to earn an Associate's degree, Certificate or Applied Technology Diploma. However, students still must provide evidence of meeting course prerequisites, where appropriate, by submitting transcripts, test scores, or by taking the College Placement Test at SPC.

IV. Returning Students

Students who return to St. Petersburg College (SPC) after an absence of six or more consecutive terms will provide updated information at the time of re-enrollment, including information about attendance at additional colleges during the absence of enrollment at SPC, updated contact information, updated program of interest, and updated residency for tuition purposes information. Returning students are not required to pay an additional application fee.

V. Transfer Students from Other Colleges

A transfer student is one who has previously attended another college. College credits earned at other regionally accredited colleges and universities may be transferred to St. Petersburg College and may apply toward program requirements. Guidelines for credit transfer are delineated in College Procedure 4.06.

VI.   International Students

International Student Admissions procedures are delineated in Procedure 4.08, which is specific to international students entering the U.S. on an F-1 student visa, or international distance students.

VII.   Admission by Exception to College Credit Programs

Students who indicate at the time of admission that their intent is to earn an Associate's degree, Certificate or Applied Technology Diploma from SPC, but who do not initially meet the requirements to become admitted to a college-credit program of study, may nevertheless be eligible to enroll for certain college credit courses as provided in Section I of this procedure. By doing so, such students may later qualify for admission to a college-credit program. Upon showing evidence of demonstrated competency in college-credit courses at SPC or another regionally accredited institution, a student may be admitted to a college-credit program.

VIII.   Denial of Admission

A.   Students who have been found to have knowingly submitted false information or who forged documents as part of the application process shall be denied admission to the College, or, if later found to have submitted falsified documents after enrolling at the College, shall be denied further enrollment. A student who has been denied admission or denied further enrollment under this procedure, may appeal to the Student Ombudsman. The decision of the Student Ombudsman is final.

B.   In accordance with Florida Statute 1001.64(8)(a), the College may consider the past actions of any person applying for admissions or enrollment and deny admission or enrollment to an applicant because of misconduct or because the College determines he or she would disrupt the orderly process of college programs, would interfere with the rights and privileges of other students or employees, and/or would represent a safety risk to students, employees, or property. Determinations are made in the best interests of the College. The student has a right to appeal denial of admission or enrollment through the campus Provost.

IX.   Admission Information Utilization and Disclosure

A.   By submitting the application for admission, either online or hard-copy, the student grants permission to SPC to obtain on his/her behalf any secondary or post-secondary transcripts of schools attended prior to attending SPC, or, in some cases, subsequent to attending SPC.

B.   By submitting the application for admission, either online or hard-copy, the student grants permission to SPC to utilize his/her image in videos and photographs for promotional or advertising purposes.

C.   SPC collects and utilizes student Social Security Numbers for the purpose of compliance with federal and state statutes related to employment, financial and academic assistance, inter-institutional articulation or transfer, and for actions imperative to the performance of the College's duties and responsibilities as prescribed by law.

D.   Students shall submit a statement regarding residency for tuition purposes prior to the first day of the term/session in which initial enrollment occurs in order to correctly assess tuition and fees as resident or non-resident. In the absence of the residency statement, students shall be assessed non-resident tuition and fees for that term.

History: Filed – 4/20/20. Effective – 4/20/20.

P6Hx23-4.05   PROCEDURE: ADMISSION – CURRENT HIGH SCHOOL STUDENTS SEEKING COLLEGE CREDIT WHILE IN HIGH SCHOOL (DUAL ENROLLMENT, EARLY COLLEGE, EARLY ADMISSIONS, OR COLLEGIATE HIGH SCHOOL)

High School Students Eligible for Accelerated Admissions—Dual Enrollment, Early College, Early Admission and Collegiate High School Students

I.   Dual Enrollment Students

A.   Students attending a public or a valid private high school or a home education program meeting the requirements of 1002.41, F.S., who wish to take courses to earn both college and high school credit may do so if the following requirements are satisfied:

1.   The Dual Enrollment student is enrolled in grades 6-12 while attending a public school within the Pinellas County school district. The student must have completed a minimum of six core academic

high school credits.

2. The Dual Enrollment student is enrolled in grades 6-12 while attending a valid private high school or home education program within the state of Florida. The private high school must meet SPC criteria for being a valid high school.

3. The student has submitted a St. Petersburg College Application for Admission Form. The application fee is waived. Upon acceptance to the program, no matriculation or laboratory fees will be assessed.

4. The student has achieved an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT or other approved placement instrument as set forth in Board of Trustees' Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.

5. The public school, valid private school, or home education student has attained at least a 3.0 cumulative unweighted high school grade point average on a 4.0 scale, or when registering for a particular academic course, the student has demonstrated prior academic achievement in the field of the course by attaining at least a 3.0 cumulative unweighted grade point average on a 4.0 scale within that field. A 2.0 cumulative unweighted high school grade point average is required for career education courses.

6. The home education Dual Enrollment student may take up to 18 credit hours in each fall and spring terms and nine credit hours in the summer term. Upon entering as a Dual Enrollment student, home education students will have three calendar years to participate or until the conclusion of the term in which the student turns 19. After the three years are concluded or the student turns 19 (or whichever comes first), the student may not matriculate as a dual enrollment student unless otherwise provided by law.

B. Requirements for high school students who are younger than fifteen (15) years of age are as follows:

The student and parent(s) must meet with the campus provost or associate provost, and program director or designees to discuss rules and requirements of academic and student life to determine the applicant's level of adaptability to an adult academic setting.

C. Dual Enrollment Graduates:

Students who complete the Dual Enrollment Program and who apply to SPC for postsecondary studies will have their application fee waived and must complete a residency statement.

II. Early College Students

A. Students attending a public or a valid private high school or a home education program meeting the requirements of 1002.41, F.S., who wish to apply to the Early College Program may do so if the following requirements are satisfied:

1. The student has submitted a St. Petersburg College Application for Admission Form. The application fee is waived. Upon acceptance to the program, no matriculation or laboratory fees will be assessed.

2. Submission of a high school transcript, from a Pinellas County school that meets the criteria of SPC as being a public high school, a valid private high school, or home education program, and which indicates that the applicant:

a. Has completed the 10th grade while attending a public high school, a valid private high school, or home education program within the Pinellas County School District.

b. Has an unweighted high school GPA (grade point average) of at least a 3.0 on a 4.0 scale.

3. The student has achieved an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT or other approved placement instrument as set forth in Board of Trustees' Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.

4. Presentation of a completed Early College Program Application form.
5. Applicants with extenuating circumstances during the application period may be eligible to apply providing Pinellas County Schools' enrollment requirements are met.

B.   Early College Graduates:

Students who complete the Early College Program and who apply to SPC for postsecondary studies will have their application fee waived and must complete a residency statement.

III. Early Admission Students

A.   Students attending a public high school, meeting the requirements of 1002.41, F.S., who wish to apply to the Early Admission Program may do so if the following requirements are satisfied:

1.   The student has submitted a St. Petersburg College Application for Admission Form. The application fee is waived. Upon acceptance to the program, no matriculation or laboratory fees will be assessed.

2.   Submission of a high school transcript, from a Pinellas County school that meets the criteria of SPC as being a public high school, and which indicates that the applicant:

a.   The applicant must submit a high school transcript showing grades for all work completed through the first semester of the 11th year and courses in which he/she is enrolled for the second semester.

b.   Has earned a minimum of 18 credits towards high school graduation.

3.   Has an unweighted high school GPA (grade point average) of at least a 3.0 on a 4.0 scale. The student must have met all standardized state assessment graduation requirements.

4.   The student has achieved an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT or other approved placement instrument as set forth in Board of Trustees' Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.

5.   Presentation of an Early Admission to College Form signed by the high school principal or designee.

B.   Students admitted to the Early Admission Program must complete a minimum of 15 semester hours each term and maintain a college level grade point average of at least a 2.0 on a 4.0 scale to remain in the program.

C.   Early Admission Graduates:

Students who complete the Early Admission Program and who apply to SPC for postsecondary studies will have their application fee waived and must complete a residency statement.

IV.   Collegiate High School

A.   Students attending a public or valid private high school or a home education program meeting the requirements of 1002.41, F.S., who wish to apply to the Collegiate High School Program may do so if the following requirements are satisfied:

1.   The student has submitted a St. Petersburg College Application for Admission Form. The application fee is waived. Upon acceptance to the program, no matriculation or laboratory fees will be assessed.

2.   Submission of a high school transcript, from a Pinellas County school that meets the criteria of SPC as being a public high school, a valid private high school, or home education program and which indicates that the applicant:

a.   Has completed the 9th grade if entering as a sophomore, or the 10th grade if entering as a junior while attending a public high school, a valid private high school, or home education program within the Pinellas County School District.

b.   Has an unweighted high school GPA (grade point average) of at least a 3.0 on a 4.0 scale.

3.   The student has achieved an acceptable score for college-level courses on the Computerized Placement Test (CPT), SAT, ACT or other approved placement instrument as set forth in Board of

Trustees' Rule 6Hx23-4.45 and Procedure P6Hx23-4.45.

4.   Presentation of a completed Collegiate High School Application form.

5.   Applicants with extenuating circumstances during the application period may be eligible to apply providing Pinellas County Schools' enrollment requirements are met.

B.   Collegiate High School Graduates:

Students who complete the Collegiate High School Program and who apply to SPC for postsecondary studies will have their application fee waived and must complete a residency statement.

History: Adopted – 2/17/16. Filed – 2/17/16. Effective – 2/17/16.

P6Hx23-4.06   PROCEDURE: TRANSFER CREDIT POLICIES

I.   Transfer Students

C.   St. Petersburg College Policy on Transfer of Academic Credit

Transfer credit may be accepted from degree granting institutions that are regionally accredited by a regional accrediting agency recognized by the U.S. Secretary of Education. Courses may be accepted from other institutions at the discretion of the Director of Admissions and Records or the pertinent Academic Dean. Transfer courses are subject to a course–by–course evaluation process to

determine if the course is equivalent to courses offered at St. Petersburg College. All transfer work is evaluated by the Director of Admissions and Records, or his/her designee, with guidance and participation from Academic Deans.

To minimize the potential for repeating courses at SPC that were successfully completed elsewhere, students should submit official transcripts from all previously attended regionally accredited colleges. Students will be allowed to register their first term without submitting official transcripts. However, continuous enrollment beyond the first term will require the submission of all official transcripts from regionally accredited colleges previously attended. Transcripts reflecting only graduate level coursework or non-credit coursework are not required. Students should be aware of SPC policies on repeated courses as outlined in SPC Procedure 4.15; specifically, the most recent attempt of a course taken will prevail.

D.   For courses that are initially deemed nontransferable to SPC the transfer student has the option of seeking an alternative method for obtaining credit. The student may submit supporting documentation to support that the course(s) in question should be transferable. Examples of supporting documentation should include evidence of the faculty member's credentials at the time the student took the course. Items such as a resume, professional licensure/certifications, work experience in the field, the course syllabus (including course title, course length, course description, and the textbook used) will be evaluated by the Director of Admissions and the appropriate academic Dean. The documentation may be submitted by the student for each course requested for reconsideration. The student should submit the supporting documentation to: Office of Admissions and Records, St. Petersburg College, P.O. Box 33089, St. Petersburg, FL 33733. In turn, the Office of Admissions and Records will submit this to the appropriate academic Dean or program area for consideration of equivalency and eligibility for awarding of transfer credit.

E.   Any transfer student who has graduated from a regionally accredited institution with an Associate in Applied Science degree or higher shall be exempt from the requirement of submitting evidence of high school graduation. Florida Statutes requires that after a Florida university or community college has published its general education core, the integrity of that curriculum shall be recognized by the College and other public universities and community colleges. SPC will not require additional general education courses upon the receipt of an official transcript from a regionally accredited institution if the student earned an Associate in Arts, Baccalaureate degree or higher.

F.   All courses listed on the transcript(s) are evaluated, including those with failing grades, except as noted in paragraph F. below. Courses from which the student withdrew without penalty are not evaluated. When the course is equivalent to a course in the College catalog, it is transferred in with the College prefix and course number. However, the course title and credit hours will be those of the transfer institution. Quarter hours will be converted to semester hours on the basis that 3 quarter hours equal 2 semester hours. Fractional hours resulting from the conversion will be carried to two decimal places and rounded

to nearest hundredth.

G. For purposes of meeting general education and program requirements, 2.5 or greater credits will satisfy a 3 credit course requirement and .67 or greater will satisfy a 1 credit course.

H. Upper division courses are not evaluated for lower division programs. If a student later matriculates into an upper division program, all upper division work will be evaluated at that time. Additionally, graduate level coursework is not evaluated for transfer credit.

I. A student may request a second review of transfer coursework posted to his/her record by submitting a written request to the Director of Admissions and Records or his/her designee.

J. Some programs may limit transferability of coursework based on recency of credit.

II. Official Transcripts

A. For postsecondary degree-granting institutions within the United States, an official transcript should be submitted directly from the school to SPC, Office of Admissions and Records. If presented by the student to SPC, the transcript must be unopened and in a sealed envelope issued by the postsecondary institution. For students who attended a postsecondary institution outside the U.S., a course-by-course evaluation for educational purposes should be submitted if transfer courses and/or degrees are to be posted to his/her SPC record. The evaluation must be completed by an approved agency affiliated with the National Association of Credential Evaluation Services (NACES) and sent directly to SPC; or, if presented by the student, be unopened and in a sealed envelope issued by the NACES agency.

B.

History: Adopted – 2/17/16. Filed – 2/17/16. Effective – 2/17/16.

P6Hx23-4.07   PROCEDURE: ADMISSION—TRANSIENT STUDENTS

I. Transient Students

K. Inbound Transient Students from Another College

A transient student is one who preserves uninterrupted academic residency status and good standing with his/her home college while attending St. Petersburg College. Students who wish to attend St. Petersburg College on a transient basis will be considered non-degree seeking and will not be required to meet the College's admissions requirements for degree-seeking status. Regardless of courses approved by the home institution, the College will require students to adhere to the same co-requisite course and academic course load requirements as for native students. Transient students registering for baccalaureate or upper-division courses will require permission of the appropriate dean. Approval by SPC for a transient student to enroll in SPC courses does not guarantee availability of space in the desired course(s). Transient students will be permitted to register for courses according to dates published in the academic calendar, which are typically about 30 days after the start of registration for native SPC students.

1. Students who attend a Florida public college or university should request permission from their home institution to attend St. Petersburg College as a transient student by initiating the process at FloridaShines (www.floridashines.org). Students who apply to SPC using the common application found at FloridaShines will have the SPC application fee waived. SPC will honor the home institution's student classification of residency for tuition purposes with no further documentation, unless contradictory information causes this to be further scrutinized. Transient students who do not apply to SPC via FloridaShines, and who instead apply directly to SPC will not have their application fee waived and must also complete the residence for tuition purposes affidavit.

2. Transient students who do not attend a Florida public college or university should submit a letter or form to the Director of Admissions and Records (or his/her designee) from his/her home institution granting permission for the student to enroll in specific courses at SPC. The letter/form should be on official college letterhead and signed by the college or university registrar at that institution, and will become a part of the student's official record at SPC. Students in this category must submit an application for admission to SPC, pay the application fee, and also complete the residency for tuition purposes affidavit.

3. Transient students who are studying in the United States on an international student visa (F-1 status) at their home institution must obtain the approval/signature of their home school's Principle Designated School Official (PDSO) or Designated School Official (DSO) stating the student is in

good status at that institution. This is in addition to the signature of the college or university registrar at that school. Approvals of both the PDSO/DSO and college or university registrar should be faxed directly to the Office of Admissions and Records at SPC. This requirement is for student at Florida public and non-Florida public or private institutions.

4. Transient students are responsible for requesting an official record of courses taken at SPC be sent to their home institution by submitting an official SPC transcript request to Admissions and Records upon completion of the term in which they enrolled. For transient students approved through FloridaShines, this is automatically generated on behalf of the student.

L. Outbound Transient Students from St. Petersburg College

1. Permission to attend another institution on a transient basis will be granted to SPC students who meet the following criteria:

   a. Classified as degree or credential seeking for current term;
   b. Cumulative GPA of at least 2.0;
   c. Meet the SPC pre-requisite(s) for the desired course(s);
   d. No outstanding registration or financial holds that would prevent enrollment at SPC;
   e. Not have previously completed the desired course with a grade of "C" or better;
   f. Not be in a third-attempt scenario for the requested course(s);
   g. Not exceed the maximum allowed credit hours for the term of attendance.

   Permission to take courses at another college as a transient student is not usually given for consecutive terms.

2. Eligibility for transient status and eligibility to enroll in specific courses requested by the student is determined by the Director of Admissions and Records or his/her designee. Additional approvals by SPC officials may be required.

3. SPC students who wish to enroll as a transient student at another Florida public college or university shall utilize the application for transient students found at FloridaShines (www.floridashines.org). Upon approval by SPC, the application will be electronically forwarded to the desired college or university selected by the student. Final approval to take courses at the institution is subject to that institution's policies and procedures. Approval by SPC does not guarantee the student will be able to enroll for the courses at the host institution.

4. SPC students who desire to enroll as a transient student at a private college or university in Florida, or at any private or public college or university outside the state, shall submit to the SPC Director of Admissions and Records or his/her designee the course description(s) of the desired courses that the student wishes to enroll at that institution.

5. Students who are studying at SPC in F-1 status who wish to enroll as a transient student at another institution must first obtain the written consent of the Principal Designated School Official (PDSO) or Designated School Official (DSO) at SPC prior to beginning the transient student approval process and prior to seeking approval by the Director of Admissions and Records or his/her designee. The approval by the PDSO or DSO at SPC will certify that the student is in status at SPC.

6. Courses taken by SPC students at another institution and for whom transient approval was obtained shall have their credits posted to the SPC record upon submission of an official transcript from that institution at the completion of the term.

7. Transfer courses will be posted in accordance with SPC transfer credit policies. Students who enroll at another institution without obtaining SPC approval as described in this procedure will not be guaranteed that courses taken at a transient institution will be applied to the student's program of study.

History: Adopted – 2/17/16. Filed – 2/17/16. Effective – 2/17/16.

P6Hx23-4.08   PROCEDURE: ADMISSION—INTERNATIONAL STUDENTS

I. International F-1 Students
II.
   M. An International Student is defined as one who has entered the United States on an F-1 visa and for

whom an I-20 must be issued by the College for the purpose of attending St. Petersburg College. The student is admitted to the U.S. with a student visa and remains a citizen and resident of his/her home country. There are two classifications of International Students, and the required admissions documentation differs depending on the student's intent:

1. Students who enter the College with the intention of enrolling full-time to pursue an academic program of study to receive a degree.

2. Students who enter the College with the intention of enrolling full-time in a language program at SPC (either English for Academic Purposes [EAP] or the Intensive English Program [IEP]).

N. International Student applicants, regardless of program intent as described in Section A., who are applying for the Student F-1 Visa must complete the International Student Packet which includes the application for admission, the financial ability form with official bank statement (a Certified translated foreign bank statement is acceptable), and payment of the International Student application fee. The student must prove that sufficient funds are available for one full year which includes: matriculation and tuition fees, books, and supplies, personal expenses, off campus room and board, medical insurance, and dependent costs (if applicable) for a full academic year. Proof of medical insurance must be received after arrival in the U.S. and before initial registration into classes. Students who intend to have dependent(s) accompany them for whom an I-20 must be issued in order to apply for an F-2 Visa must provide all applicable documents to the Office of Admissions and Records. A dependent may be defined as a spouse or unmarried child under 21 years of age. Documents to be submitted for this purpose may include:

5. Marriage license
6. Birth certificate(s)
7. Immigration documents

Documents that are not in English must first be sent to a certified translator prior to submitting to SPC.

O. International Students whose intent is to enroll full-time at SPC to pursue an academic program of study as delineated in Section A.1. of this Procedure must provide evidence of high school completion, as evidenced by sealed, evaluated transcripts from an approved source sent directly to the Office of Admissions and Records. A request for an official document evaluation of non-U.S. high school transcripts must be submitted to one of the approved National Association of Credential Evaluation Services (NACES) agencies. This shall be required before issuance of the I-20 to enter the U.S.

P. International Students who begin their studies at SPC with the intent of pursuing only the Intensive English Program, but who later desire to pursue an academic program of study to earn a SPC degree, shall be required to submit evidence of high school completion, as outlined in Section C. of this Procedure, prior to being admitted to degree-seeking status at SPC.

Q. Prospective International Students who are already in the U.S. and are seeking to transfer their F-1 status from another U.S. institution must complete all SPC application requirements as delineated in Section B. of this Procedure. The prospective student shall submit to the school they are transferring from an SPC Clearance form and request the school to transfer the I-20 through the Student and Exchange Visitor Information System (SEVIS). An I-20 will be issued by International Student Services only after the SPC admission requirements have been met, depending on the student's stated intent and purpose for studying at SPC.

R. Prospective International Student applicants who desire to have transfer credits and/or earned degrees from previously attended postsecondary institutions posted to their SPC record should refer to SPC Procedure 4.06 pertaining to transfer credit policies. Students with international degrees certified by an NACES-approved credential evaluation agency of having met requirements for an Associate in Arts degree or higher from a regionally accredited U.S. institution shall be exempt from further general education requirements. The exception is that students with degrees from a non-English speaking country will be required to complete SPC's General Education Communication requirements.

S. Final acceptance and issuance of the I-20 to International Student applicants will not be made until all of the following items have been received by the Office of Admissions and Records;

8. Completed application for admissions
9. Payment of nonrefundable application fee, including international student fee
10. Evidence of high school completion (depending on student intent)
11. Financial Ability form with bank statements or bank letter
12. Copies of applicable immigration documents

III.   International Distance Students

Students who reside outside of the United States, who are foreign nationals in their resident country, may apply to SPC to enroll for online credit courses while remaining in their country. Such students shall pay the application fee, provide photo identification, and are limited to enroll in online courses only. Students in this category desiring to earn a degree or credential shall meet SPC general admission and registration eligibility requirements as delineated in Procedure 4.02. An International Distance Student who subsequently enters the U.S. after first enrolling in this status, and who desires to continue to enroll in online courses at SPC, must notify the Office of Admissions and Records as to his/her current visa status, purpose for entering the United States, and anticipated length of stay. During the period in which the student is physically residing in the U.S., SPC may suspend the student's ability to enroll in classes, depending on the type of visa by which the student has entered the U.S.

History: Adopted – 2/17/16. Filed – 2/17/16. Effective – 2/17/16.

P6Hx23-4.10   PROCEDURE: ADMISSION BY EXCEPTION—STUDENTS WITH DISABILITIES

I.   Request for Exception to General Admission Requirements of the College, the President or designee is authorized to permit substitute admission requirements for eligible students who have disabilities as defined by State Board of Education Rule 6A.10.041, F.A.C.

This College Procedure is established in compliance with State Board of Education Rule 6A-10.041, to provide disabled students reasonable substitutions for requirements for general admission to the College. Any student who has provided St. Petersburg College's Disability Resources Office with appropriate documentation of a disability, as defined by Florida Statute §1007.02, shall be eligible to request a reasonable modification/substitution for admission requirements to the College, a program of study, or graduation requirement(s) provided that the individual's inability to meet the requirement is related to the disability and where the failure to meet the graduation requirement or program admission requirement does not constitute a fundamental alteration in the nature of the program. To make a determination of appropriate substitutions, the disabled student will be required to provide documentation that:

T.   The student has a disability which is evaluated as interfering in a basic life activity. Examples of such disabilities include but are not limited to: vision impairment, hearing impairment, mental or emotional impairment, physical impairments such as cerebral palsy or multiple sclerosis, dyslexia, or other specific learning disabilities as defined below;

U.   The disability can be reasonably expected to prevent the student from meeting requirements for general admission to the College. The student must identify the specific general admission requirement(s) for which a substitution is sought and furnish documentation from an appropriate source that will support the need of a substitution or accommodation.

V.   A potential student who believes he or she should be considered for substitutions for requirements for general admission to the College should appeal to the Director of Admissions and Records or his/her designee. The Director of Admissions shall confer with the Director of Disability Resources. Waiver or substitution of testing requirements, submission of evidence of high school completion, or any item that is not a course-specific or program-specific waiver may be considered by the Director of Admissions and Records. Current documentation of the disability, including test scores, when appropriate, will be required. Other information to be considered, especially for substitution of admission requirements, may include items such as: scores on one or more of the approved placement instruments, evidence of the student's experiences in mainstream classes, performance in selected academic courses, evidence of an appropriate reading level or appropriate competency indicating the ability to function in college-level classes, recommendations from prior teachers and other professionals.

If the potential student and the Director of Admissions and Records agree on the substitution of waiver offered, the student shall be admitted to an associate or certificate-level college-credit program that does not have additional or selective admission requirements.

Students seeking substitutions for requirements for admission to a selective admissions or upper-division program of the College, or for graduation from the College should appeal to the Program Administrator/Academic Dean at his or her campus or site.

Admission by exception as described herein may impact the student's ability to be eligible for federal financial assistance.

II.   For purposes of this Procedure, the following definitions apply:

C.   Hearing impairment. A hearing loss of 30 decibels or greater, pure tone average of 500, 1000, or 2000 Hz, ANSI, unaided, in the better ear. Examples include, but are not limited to, conductive hearing impairment or deafness, sensorineural hearing impairment or deafness, high or low tone hearing loss or deafness, acoustic trauma hearing loss or deafness.

D.   Visual impairment. Disorders in the structure and function of the eye as manifested by at least one of the following: visual acuity of 20/70 or less in the better eye after the best possible correction, a peripheral field so constricted that it affects one's ability to function in an educational setting, or a progressive loss of vision which may affect one's ability to function in an educational setting. Examples include, but are not limited to cataracts, glaucoma, nystagmus, retinal detachment, retinitis pigmentosa, and strabismus.

E.   Specific Learning Disability. A disorder in one or more of the basic psychological or neurological processes involved in understanding or in using spoken or written language. Disorders may be manifested in listening, thinking, reading, writing, spelling, or performing arithmetic calculations. Examples include dyslexia, dysgraphia, dysphasia, dyscalculia, and other specific learning disabilities in the basic psychological or neurological processes. Such disorders do not include learning problems which are due primarily to visual, hearing, or motor handicaps, to mental retardation, to emotional disturbance, or to an environmental deprivation.

History: Adopted – 2/17/16. Filed – 2/17/16. Effective – 2/17/16.

P6Hx23-4.11   PROCEDURE: GENERAL ADMISSION TO BACCALAUREATE PROGRAMS

I.   For requirements for admission to Bachelor's degree in Education Programs at St. Petersburg College, see College Procedure P6Hx23-4.72.

II.   In addition to general St. Petersburg College admissions rules, students will be eligible for admission to the Baccalaureate Programs as follows:
A.   Completion of a minimum of 60 credits from regionally accredited postsecondary institutions.

B.   Completion of college level writing and mathematics with a grade of "C" or higher from a regionally accredited post-secondary institution.

C.   A cumulative grade point average of 2.00 on a 4.00 scale in all postsecondary coursework is required in all programs except for the B.A.S. in Orthotics and Prosthetics, which requires a cumulative grade point average of 3.00 on a 4.00 scale.

D.   Completion of a minimum of 15 semester hours of transferable general education coursework.

E.   Completion of an application to the appropriate baccalaureate program.

All health related admissions programs require prospective students, who are not initially accepted, to resubmit their application for subsequent enrollment periods.

F.   Completion of all state mandated or SPC specific prerequisites with a grade of "C" or better are required for admission to all degree programs. See the individual program requirements at spcollege.edu/bachelordegrees.edu or FloridaShines.org for specific information. Exceptions may be made at the discretion of the Dean for some programs.

G.   Students wishing to pursue an additional bachelor's degree at SPC must meet the following admissions criteria:

1.   Meet the stated admissions requirements for the second degree;

2.   Be enrolled in one baccalaureate program at a time;

3.   Develop an individualized academic plan (IAP) for completion of the second degree. This must be approved by the program's dean after program admission.

H.   Additional admissions rules for specific programs are as follows:

1.   Upper division certificate seeking students must meet all program admissions criteria.

2. Upper division certificates require proof of a baccalaureate degree from a regionally accredited post-secondary institution.

3. The College of Nursing requires:

   a. An A.S. degree in a related area from a regionally accredited postsecondary institution.

      i. The College of Nursing may also accept diplomas in nursing from programs accredited by the National League for Nursing Accrediting Commission.

   b. Completion of all AA degree General Education Requirements.

   c. Completion of a minimum of two consecutive years of a foreign language in high school or two semesters of a foreign language at the college level.

   d. The presentation of a valid unrestricted, unencumbered RN license from the state where applicant is practicing, to be kept current throughout the duration of the required course of study.

4. The B.A.S. in Dental Hygiene Program requires:

   a. An A.S. degree in a related area from a regionally accredited postsecondary institution.

   b. The presentation of a valid and current Dental Hygiene license from the state where applicant is practicing.

History: Adopted – 2/17/16. Filed – 2/17/16. Effective – 2/17/16; 8/16/17. Filed – 8/16/17. Effective – 1/2/18.

Class Attendance

6Hx23-4.30   CLASS ATTENDANCE

The President or designee is authorized and directed by the Board of Trustees to establish standards and procedures to accompany this Rule concerning the assessment and recording of class attendance, as well as informing students of attendance and absence policies imposed pursuant to College policy and as provided for in applicable state and federal law.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented:1001.64, 1001.65, F.S.; 34 CFR 668, Return of Title IV Funds

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.30   PROCEDURE: CLASS ATTENDANCE

I. Attendance taking throughout the term is not required but is strongly encouraged. Attendance throughout the term may be taken in the ANGEL Learning Management System Attendance Manager module. It will be the responsibility of each instructor to insure that all students are informed of his or her class attendance and excessive absence policy in writing via the course syllabus. The instructor determines when the absences of a particular student have become "excessive." During the first two weeks of each class, the instructor is required to take attendance in the college's student information system. During a period of one week just after the sixty (60) percent point in the term, instructors shall determine any student enrolled in his or her class who is not actively participating in his or her class. Instructors are required to identify and record any of his or her students who are not actively participating in his or her class in the college's student information system by the end of the one-week period just after the sixty (60) percent point in the term.

II. Each instructor shall exercise his or her professional judgment to determine if a student is actively participating in his or her class. Examples of active participation include: completion of a recent exam, submission of a class assignment, attendance in a scheduled class meeting, and participation in online discussion groups.

III. Instructors will be notified via email when no attendance has been taken for a student during the first two weeks and when it is time to determine active participation (just after the sixty (60) percent point in the term).

IV. Recognizing that the college offers courses of varying length (express, eight weeks, and dynamically dated classes), the instructor will have one week to take attendance at the beginning of such classes. Furthermore, the period to determine active participation will be calculated and each instructor will be notified when students who are not participating may be recorded as such in the college's student information system.

V. Regular class attendance is expected of all students. When absent for less than a week because of illness or other emergencies, a student should notify, or have someone notify, the appropriate instructors. In the case of extended absences of a week or more, the student should notify, or have someone notify, the office of the associate provost.

VI. It is important that the student become aware of each instructor's attendance and excessive absence policy.

VII. CLASS ATTENDANCE

Instructors are required to provide students with a written statement of their attendance policy at the beginning of each session.

VIII. RELEASE FOR JURY DUTY

When a student is summoned to attend any court on jury duty, the student shall, upon presentation of a copy of the summons, be excused from classes during the period of the jury duty. Instructors may, however, require the student to return to class if the student is excused from jury duty earlier than expected. Students excused from class under this procedure shall be given the opportunity by the instructors involved to make up any tests or other work missed during the period of jury duty.

History: Amended 4/25/83. Effective 4/25/83; 7/17/12. Filed – 7/17/12. Effective – 7/17/12.

Classification of Students

6Hx23-4.16   CLASSIFICATION OF STUDENTS

Students are classified according to the number of semester hours of credit they have earned and the number of semester hours they are carrying. Listed below are the requirements for the respective classifications:

I. Full-time student—An enrollee carrying 12 semester hours or more during a regular session (Session I or II) or 9 semester hours or more during Session III (summer).

II. Part-time student—An enrollee carrying fewer than 12 semester hours during a regular session (Session I or II) or fewer than 9 semester hours during Session III (summer).

III. Freshman—An enrollee who has fewer than 24 semester hours of earned credit.

IV. Sophomore—An enrollee who has between 24 and 59 semester hours of earned credit.

V. Junior—An enrollee who has between 60 and 89 semester hours of earned credit meeting admission requirements for admission into the upper division.

VI. Senior—An enrollee admitted in the upper division who has 90 semester hours or more of earned credit toward a bachelor degree.

Specific Authority: 240.319(2) & (3), F.S.

Law Implemented: 240.319(4)(b), 240.319(4)(n), 240.325, 240.5278, F.S.; Rules 6A-14.0262(8)(a), 6A-14.0247, F.A.C.

History: Filed – 3/26/02. Effective – 3/26/02.

Collection of Financial Obligations and Delinquent Accounts

6Hx23-5.27   COLLECTION OF FINANCIAL OBLIGATIONS AND DELINQUENT ACCOUNTS

The Board of Trustees shall exert every reasonable effort to collect all delinquent accounts. The Board authorizes and directs the President to establish related procedures regarding collection of financial obligations and delinquent accounts in accordance with the Florida Statutes and State Board of Education Rules.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(44), F.S.; Rule 6A-14.060, F.A.C.

History: Filed – 6/19/12. Effective – 6/19/12.

College-Preparatory Instruction

6Hx23-4.451 COLLEGE-PREPARATORY INSTRUCTION

The Board of Trustees directs and authorizes the President or a designee to establish procedures related to the implementation of college preparatory instruction in accordance with state law and State Board of Education Rules.

Specific Authority: 1001.64(2) & (4), F.S.

Law Implemented: 1001.64(9), 1001.02, 1001.03,1001.65, 1004.65, 1004.68, 1007.263, 1008.30, 1009.23, 1009.26, 1009.28, 1009.285, F.S.; Rule 6A-10.0315, F.A.C.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.451 PROCEDURE: COLLEGE-PREPARATORY INSTRUCTION

I. Competency-based preparatory instruction is required for degree seeking students who score below the St. Petersburg College Placement Test cut-off scores in reading, writing and/or mathematics as prescribed by Rule 6A-10.0315, F.A.C., and College Procedure P6Hx23-4.45. Students scoring below the prescribed Computerized Placement Test (CPT) cut-off scores in any of these three (3) areas must begin competency-based preparatory instruction in those identified area(s) within their first twelve (12) credit hours of enrollment. In accordance with Section 1007.263, Florida Statutes, as an alternative to traditional college preparatory instruction, if they so qualify, students may participate in adult basic education, adult secondary education, or other instructional programs, including private provider instruction. Students who place into all three areas of remediation must successfully complete the prescribed academic success coursework during their first term of enrollment.

II. Students scoring below the prescribed CPT cut-off score in more than one college preparatory area have the following additional requirements to enhance their ability to succeed in college-level course work.

   A. Students scoring below the prescribed cut-off score in two or more college preparatory areas must take SLS 1101 and SLS 1126 as co-requisites during their first term of enrollment.

III. In accordance with 6A-10.0315(20), students enrolled in college preparatory instruction shall be permitted to take courses concurrently in areas for which they are qualified. Pursuant to Section 1008.30(4), Florida Statutes, students who test into college preparatory instruction and subsequently enroll in college preparatory instruction must successfully complete the required preparatory studies by the time they have accumulated twelve (12) hours of college credit coursework or they must maintain continuous enrollment in college preparatory coursework each semester until the requirements are completed while performing satisfactorily in degree earning coursework.

   A. College preparatory students may not enroll in the following categories of college credit courses while completing their college preparatory coursework:

      1. College preparatory students who are deficient in mathematics may not enroll in any mathematics courses that meet the requirements of Rule 6A- 10.030, F.A.C., or other courses that require mathematics skills that are beyond the skill level of the student.
      2. College preparatory students who are deficient in English and/or reading skills may not enroll in English or Humanities courses that meet the requirements of Rule 6A-10.030, F.A.C., or other courses that require communication skills that are beyond the skill level of the student.

      3. College preparatory students who are deficient in all three (3) areas (i.e. reading,writing and/or mathematics) may enroll in college-level courses such as orientation courses, college success courses, or other courses that are not dependent on college- level computation and communication skills.

IV. Students who have begun required competency-based preparatory instruction must take identified preparatory courses consecutively in their identified skill area(s) during each session they enroll at the College, insofar as possible in conjunction with Section I. above, until such area(s) is/are resolved within the

limitations prescribed by Section IV. below.

V. Enrollment in competency-based preparatory credit instruction to remediate the skill area(s) identified may not extend beyond three (3) attempts in each required course in each skill area. A fourth attempt may be allowed only through an academic appeals process as set forth in Board of Trustees' Rule 6Hx23-4.36 based on extraordinary extenuating circumstances. Students enrolled in the same college preparatory class within a skill area more than twice will be assessed fees at 100 percent of the full cost of instruction equal to the rate charged non-Florida residents. Students may have their fees reduced once for each class due to extenuating circumstances as determined by the campus provost or associate provost or designee. However, the provost, associate provost or designee shall have the authority to review and reduce payment for increased fees due to continued enrollment in a college preparatory class on an individual basis contingent upon the student's financial hardship, pursuant to definitions and fee levels established by the State Board of Education. An attempt shall be defined as each enrollment in a College/college preparatory course past the drop/add period regardless of the grade received.

Extenuating circumstances for the purposes of this Section IV. are those circumstances determined by the Dean/Program Administrator to be exceptional and beyond the control of the student.

The criteria for determining financial hardship shall include, but not be limited to, qualification for federal need-based financial assistance. Students with other documented financial hardships may also be considered. In either case, the exception for financial hardship should be granted only after the student has demonstrated reasonable effort to succeed in the course.

VI. Students who have not successfully completed their preparatory course requirement(s) in any of the identified skill area(s) within three (3) attempts will be permitted to enroll in additional credit coursework outside those skill area(s) that the student has not successfully completed remediation, but must be concurrently enrolled in the developmental area(s) every term until basic skill mastery has been demonstrated.

VII. Students who complete college preparatory courses may only be given the grade of A, B, C, N, or F.

History: Adopted – 7/17/12. Effective – 7/17/12; 7/21/14. Filed – 7/21/14. Effective – 7/21/14.

P6Hx23-4.453 PROCEDURE: PLACEMENT METHODS

I. Students entering the college must meet the minimum established standards to demonstrate readiness to perform college-level coursework as established in Section 1008.30, F.S. A student admitted to the college whose assessment results indicate a need for developmental education must be advised of their options for completing developmental coursework at the college and shall enroll in the option of their choice.

II. Exempt Students

Any student who entered 9th grade in a Florida public school in the 2003-2004 school year, or any year thereafter, and earned a Florida standard high school diploma or a student who is serving as an active-duty member of any branch of the United States Armed Services is considered ready for college-level work in communication and computation. Exempt students are not required to enroll in developmental coursework. However, an exempt student may opt to be assessed and to enroll in developmental education.

Any other student who has not earned credit for college level coursework for reading, writing, and mathematics shall be assessed for readiness for college-level work prior to initially registering for classes. Non-exempt students whose assessment results indicate a need for developmental education shall enroll in developmental education in the area of the deficiency.

III. Common Placement Tests

Any student who demonstrates readiness by achieving or exceeding standard test scores established below and enrolls in at the college within two (2) years after achieving such scores shall not be required to retest or complete developmental coursework.

Florida Postsecondary Education Readiness Test (PERT)

Reading	106
Writing	103
Mathematics	114

Next-Generation ACCUPLACER, College Board (Interim Scores) thru July 2022

Quantitative Reasoning, Algebra, and Statistics (QAS)	242
Reading	245
Writing	245

Next-Generation ACCUPLACER, College Board Since August 2022 Quantitative

Reasoning, Algebra, and Statistics (QAS)	261
Reading	256
Writing	253

SAT, The College Board

Reading Test	24
Writing and Language Test	25
Math Test	24

ACT with Writing

Reading	19
English	17
Mathematics	19

IV. Alternate Placement Methods

A. Tests & Assessments

As an alternate, the college may consider the following exams as demonstrating readiness for college-level work if the student achieves or exceeds the standard test scores established below and enrolls in at the college within two (2) years after achieving such scores. Scores will be accepted from the public high school transcript or from the official score report issued by the testing agency.

PSAT/NMSQT (PSAT 10), The College Board

Reading Test	24
Writing and Language Test	25
Mathematics Test	24

PreACT®

Reading	22
English	18
Mathematics	22

General Educational Development (GED®) Test

Reasoning Through Language Arts	165
Mathematical Reasoning	165

Test Assessing Secondary Completion (TASC™)

Language Arts Reading	580
Language Arts Writing	560 and 6 on Essay
Mathematics	560

High School Equivalency Test (HiSET®)

Language Arts Reading	15
Language Arts Writing	15
Mathematics	15

End-of-Course Assessments

Algebra 1 End-of-Course Assessment	4
Geometry End-of-Course Assessment	4

ALEKS® PPL

    Mathematics   30

B.   Performance in High School Coursework

As an alternate, the college may consider the student's performance in high school coursework for any student who has a minimum unweighted high school GPA of 3.00, achieves a "B" or higher in the course and enrolls in at the college within two (2) years after earning the course grades. The student will have demonstrated readiness for college-level work. Courses and grades will be accepted from the official high school transcript.

1.   Courses Taught at a Florida Public High School

Mathematics:

Algebra 1/Algebra 1 Honors
Algebra 2/Algebra 2 Honors
Pre-Calculus
Calculus
Geometry
Probability and Statistics
Math for College Algebra
Math for College Statistics
Math for College Liberal Arts

English Language and Literature:

English 4/English 4 Honors

2.   Accelerated High School Courses

Mathematics:

Advanced International Certificate of Education (AICE) high school mathematics courses

Advanced Placement (AP) high school mathematics courses

International Baccalaureate (IB) high school mathematics courses

English Language and English Literature:

Advanced International Certificate of Education (AICE) high school English courses

Advanced Placement (AP) high school English courses International Baccalaureate (IB) high school English courses

C.   Credit by Exam

Any student achieving passing scores and receiving credit for college-level communication or computation pursuant to the credit-by-examination equivalency list in Rule 6A-10.024, F.A.C., shall have previously demonstrated readiness for college-level coursework.

History: 6/28/22. Adopted 6/2822. Effective – 7/1/22.

Eligibility for Intercollegiate Athletics

6Hx23-4.18   ELIGIBILITY FOR INTERCOLLEGIATE ATHLETICS

Eligibility for participation in intercollegiate athletics is in accordance with requirements determined by the Florida Community College Activities Association.

General Authority: 240.319, F.S.

Law Implemented:	240.325, F.S. SBE Rules 6A-14.262, 6A-14.247, F.A.C.
History:	Formerly 6Hx23-4-6.04; Adopted 11/20/75; Readopted 10/25/77; Amended, filed and effective 11/30/81.

Final Examinations

6Hx23-4.19	EXEMPTION FROM FINAL EXAMINATIONS

The giving of the final examination shall be left to the discretion of the individual instructor with the concurrence of the division director; however, students averaging an "A" or "B" may be exempt from the final by obtaining permission from the instructor.

General Authority:	240.319, F.S.
Law Implemented:	240.325, F.S. SBE Rules 6A-14.262, 6A-14.247, F.A.C.
History:	Formerly 6Hx23-4-6.05; Adopted 10/16/75; Readopted 10/25/77; Amended, filed and effective 11/30/81.

P6Hx23-4.19   PROCEDURE: FINAL EXAMINATIONS

The giving of final examinations shall be left to the instructor's discretion with the concurrence of the program director. Students averaging an "A" or "B" may be exempt from the final examination by obtaining the instructor's permission.

All final examinations will be administered according to the published schedules. The final examination period is determined by the college calendar committee and published in the college catalog. The final examination class schedule is prepared and disseminated by the registrar.

Instructors are required to keep final examination papers on file for the duration of the subsequent regular session (Session I or II).

PROCTORING

Since the college does not operate under a student honor system, proctoring of examinations is required.

SPECIAL FEES

Students wishing to take final examinations other than during the regularly scheduled final examination period must obtain permission from the instructor, program director, and the dean of student services. If permission is granted, the business office is notified in writing of the number of special examinations a student will take, the course and section numbers of each, and the amount of the approved fee. After the student has paid the special examination fee(s) at the campus business office, the student presents his/her copy of the validated permission form to the instructor(s) and takes the examination(s) as arranged with the instructor(s).

History:	Adopted 3/3/82. Amended 3/3/87. Effective 3/10/87 for Session I, 1987-88.

Grading System

6Hx23-4.20	GRADING SYSTEM

The Board of Trustees authorizes and directs the President, or his or her designee, to establish a grading system used to indicate the quality of work done by students at St. Petersburg College and to implement procedures related to awarding student grades for credit coursework.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(8), 1004.68, F.S.
History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.20   PROCEDURE: GRADING SYSTEM

    I.   Letters are used to indicate the quality of work done by students at St. Petersburg College:

        A   excellent ....…….   awards 4 quality points

B	good ....………	awards 3 quality points
C	average ....…………	awards 2 quality points
D	poor	awards 1 quality point
F	unsatisfactory....................................	awards 0 quality points
I	incomplete	awards 0 quality points
N	no credit (college preparatory courses only)	
NG	no grade reported	
P	passing (credit courses)	
S	satisfactory (non-credit courses only)	
SP	showing progress (non-credit courses only)	
U	unsatisfactory (non-credit courses only)	
W	withdrawal	
WF	Withdrawal after the "W" period…………	awards 0 quality points
X	audit	

II. Special instructions for grades

A. The use of Incomplete "I" Grades is reserved for cases of illness, unforeseen circumstances, military assignments, or other verified emergencies that prevent a student from completing a course by the last day of class for that term. Incomplete "I" grades may only be assigned if a written agreement has been documented, agreed to, and signed or electronically acknowledged by both the student and faculty member.

Incomplete "I" Grades may only be assigned if at least half of the coursework has been completed at passing quality.

At the end of the semester following the one in which the incomplete grade was assigned (Spring or Fall), "I" Incomplete grades will revert to the grade submitted in the Change of Grade survey or become the "Course Grade with no Further Submission" as recorded on the signed Incomplete Grade Contract.

B. A grade of "N" is used only in college preparatory courses. A grade of "N" may be assigned to students earning a "D" or "F" in such courses.

C. A grade of "WF" indicates that a student voluntarily withdrew from a course after the deadline to receive a grade of "W." The "WF" grade is punitive and has the same impact on the student's GPA as a grade of "F."

D. "P" may be used as follows:

1. Students enrolled in physical education activity courses (e.g. golf, tennis, bowling, archery, racquetball, etc.) may choose to be graded on a "P/F" or an "A-F" basis. During the first 2 weeks the course is taught, the instructor will require each student to select the grade option preferred. "P" grades will not be used in GPA calculations.

2. Credit awarded by Assessment of Prior Learning through the Experiential Learning Program (ELP) may be designated by the grade of "P". Assessment of Prior Learning is the only approved procedure for evaluating and awarding credit for prior learning.

3. Credit awarded for the Basic/Computer and Information Literacy competency OPT-OUT test may be designated by the grade of "P".

4. Satisfactory completion of the following credit courses in the Physical Therapist Assistant Program will be graded on a "P/F" basis.

PHT 1801L—Physical Therapy Clinical Practice I
PHT 2810L—Physical Therapy Clinical Practice II
PHT 2820L—Physical Therapy Clinical Practice III

5. Satisfactory completion of SLS 0003 by students who tested into all three areas of remediation upon admission to the College will be graded on a "P/F" basis.

E. Students who wish to audit a college-level credit course may register on an audit basis without special permission during the regularly scheduled registration period through the end of the first week of classes. This applies to regular and express sessions.

Students who wish to change from credit to audit status may change to an audit status without special permission during the regularly scheduled registration period through the end of the first week of classes. This applies to regular and express sessions.

Students may change from audit to credit status during the regularly scheduled registration period through the end of the first week of classes or after the registration period has expired, but prior to the end of the session only upon the approval of the faculty member, the program director, and the campus provost, associate provost or the site administrator.

Fees are the same for both credit and audit students.

Audit students are required to meet course prerequisites including appropriate scores on the St. Petersburg College Placement Test unless such requirements are waived by obtaining permission through the program director.

Under exceptional circumstances, a student may appeal to the appropriate program director to seek a change to credit in a course in which registration was for audit. The program director will work with the student and the instructor to determine that the student completed all of the requirements for credit in the course.

History: 6/28/22. Filed – 6/28/22. Effective – 7/1/22.

Graduation Requirements for all Degrees, Certificates and Diplomas

6Hx23-4.24   GRADUATION REQUIREMENTS FOR ALL DEGREES, CERTIFICATES AND DIPLOMAS

The College awards bachelor's degrees, associate's degrees, technical certificates and applied technology diplomas for satisfactory completion of a planned program of post-high school studies. The Board of Trustees authorizes and directs the President or designee to develop and establish graduation requirements for all degrees, certificates and diplomas, and to establish College procedures related to the completion of graduation requirements for candidates.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1000.21, 1001.02, 1001.03, 1001.64(6), (7), (8) & (17), 1003.49, 1004.04, 1004.65, 1004.68,1004.73(4), 1004.92, 1007.22, 1007.23, 1007.24, 1007.25, 1009.23, 1009.25,1009.26, 1009.28, F.S.; SBE Rule 6A-14.030, F.A.C.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.24   PROCEDURE: GRADUATION REQUIREMENTS FOR ALL DEGREES, CERTIFICATES AND DIPLOMAS

I.   All enrolled students will be evaluated at the end of the term and automatically awarded their degree provided all graduation requirements are satisfied as of the last day of the term. Each student will also be evaluated and awarded any embedded Associates degree or certificate for which they qualify. It is the responsibility of the Office of Admissions & Records to evaluate student records and confer degrees and certificates.

Qualifying students will be notified of their candidacy 4-6 weeks after the term begins. If the student wishes to participate in the collegewide Commencement ceremony, it is their responsibility to register by the published deadline to ensure their name appears in the program. Candidates are responsible for securing their cap and gown for the ceremony. Participating in Commencement and having their name in the program does not constitute certification of the degree.

II.   The following general requirements for graduation from St. Petersburg College must be met by all students who are candidates for the Bachelor of Science or Bachelor of Applied Science Degrees.

A.   Students must satisfactorily complete at least 120 semester hours of college-level credits. For residency purposes, at least 30 of the semester hours required for graduation must be earned at St. Petersburg College. Students who have left the College must be eligible to return for transfer credits to be accepted to meet graduation requirements. All other specific degree requirements must also be met. Credit awarded for college-preparatory instruction (0000 designation courses) may not be counted toward fulfilling the total number of credits or the number of credits in residency required for a degree.

B.   For purposes of conferring the bachelor's degree, students must complete at least 40 semester hours of program specific courses numbered 3000 level or above. At least 30 of the 40 hours must be earned at St. Petersburg College and a grade of "C" or better is required in all program specific coursework.

C.   Fulfill all requirements for the chosen major.

D.   Students must generally achieve a grade point average of 2.0 or better on a 4.0 scale for all work at St. Petersburg College considered alone and for all work at the College and transfer credits combined, except for the College of Education, which requires that students achieve 2.5 or better average in all coursework. The

quality point value of transfer work accepted by the College will be included in grade point average computations for all purposes including determination of achievement of the required 2.0 grade point average to be graduated from St. Petersburg College. Individual programs may require a higher grade point average for graduation.

E.   Students must complete the general education requirements for the Associate in Arts degree including any assessment of education outcomes that are required by the College.

F.   Students must satisfactorily complete any state mandated exit requirements or tests unless exempt. See P6Hx23-4.45 for additional information.

G.   Students must complete the former Gordon Rule requirement (met with the A.A. Degree).

H.   Students must complete 2 credits/consecutive years of the same foreign language or American Sign Language in high school (documented by an official high school transcript) or a minimum of 6 hours in the same language or American Sign Language at the college level. Students may also provide official proof of successful completion of CLEP or other proficiency examination. Students admitted without this requirement met must satisfy it prior to graduation for any bachelor's program.

I.   Students seeking a baccalaureate degree under the 2021-22 catalog year, or thereafter, must demonstrate competency in civic literacy by completing both of the following requirements:

  1.   Passing either AMH 2020 or POS 2041 with a grade of "C" or higher; and

  2.   Achieving the standard score on one of the following assessments:

       Florida Civic Literacy Exam   Score: 60%
       AP Government & Politics: United States   Score: 3
       AP United States History   Score: 4
       CLEP: American Government   Score: 50

J.   Students have a 15-session period, beginning with the academic year of initial acceptance and enrollment into a specific baccalaureate degree at the junior level, in which to complete graduation requirements under the terms of the College catalog which was in effect at the time of their initial enrollment. However, students may opt to meet the program course requirements for any catalog year within the 15-session period based on advisement provided by the program director and/or the counselor/advisor. Students who have not graduated within the 15-session period will begin a new 15-session period upon their enrollment following the expiration of their previous 15-session period.

K.   Students who have completed an A.A. degree or higher from a regionally accredited institution, may be exempt from certain general education course requirements. Courses designated in a program of study as "support" or "core" must be completed regardless of prior degree.

L.   Students may be eligible to receive a second SPC baccalaureate degree provided that:

  1.   The requirements for both the first and second degrees are satisfied.
  2.   An additional thirty (30) upper division semester hours are completed at SPC after the first SPC baccalaureate degree has been awarded.

M.   Special graduation requirements must be met for individual baccalaureate programs as follows:

  1.   Bachelor of Science in Education

       For graduation requirements, please refer to Section I. D. of Board Rule 6Hx23-4.72 College of Education Programs—Special Rules.

  2.   Bachelor of Science in Nursing

       RN to BSN students must complete each NUR upper division course with a grade of "C" or better in order to receive credit and progress in the program. If a student fails to obtain a "C" or better in any NUR upper division course, the student may retake the course in order to attempt to achieve a "C" or better. In no event, however, shall a student be permitted to take any NUR upper division course more than three (3) times by reason of failure to achieve a "C" or better. Any RN to BSN student failing to achieve a "C" or better in the same NUR upper division course after three attempts will be academically dismissed from the College of Nursing and unable to return to the program. Additionally, any RN to BSN student failing to achieve a "C" or better in any combination of three NUR upper division courses while enrolled in the RN to BSN program shall be academically dismissed from the College of Nursing and unable to return to

the program. Notwithstanding the foregoing, any NUR upper division course in which a student fails to achieve a "C" or better will be counted towards the dismissal criteria for failure to achieve a "C" or better in any combination of three NUR upper division courses, even if the student retakes such a course as provided herein and achieves a "C" or better.

    3.   Bachelor of Applied Science in Technology Management

        Completion of a minimum of 21 semester hours in a single technical discipline, certificate or program of study.

    4.   Bachelor of Applied Science in Dental Hygiene

        a.   Ten (10) upper division semester hours may be earned by the presentation of a valid and current dental hygiene license, from the state in which the applicant is practicing.

        b.   Students must receive a grade of "C" or better in all upper division dental hygiene coursework in order to progress in the program.

III.   The following general requirements for graduation from St. Petersburg College must be met by all students who are candidates for the Associate in Arts degree:

    A.   Students must satisfactorily complete at least 60 semester hours of college-level credits. At least 25 percent of the semester hours required for graduation credits must be earned at St. Petersburg College. Students who have left the College must be eligible to return for transfer credits to be accepted to meet graduation requirements. All other specific degree requirements must also be met. Credit awarded for college preparatory instruction (0000 designation courses) may not be counted toward fulfilling the total number of credits, or the number of credits in residency, required for a degree.

    B.   Students must achieve a grade point average of 2.0 or better on a 4.0 scale, for all work at St. Petersburg College considered alone and for all work at the College and transfer credits combined. The quality point value of transfer work accepted by the College will be included in grade point average computations for all purposes including determination of achievement of the required 2.0 grade point average to be graduated from St. Petersburg College.

    C.   Students must satisfactorily complete the general education requirements for the Associate in Arts degree including any assessment of educational outcomes that are required by the College.

    D.   First time in college students entering a Florida College System institution in the Fall Term, 2015, and thereafter must complete at least one (1) course from each of the general education areas listed under Florida Administrative Code (F.A.C. 6A-14.0303). Beginning in the 2022-23 academic year, any student seeking an Associate in Arts degree under the 2022-23 catalog year, or thereafter, must complete at least one (1) core course from each of the general education subject areas listed under F.A.C. 6A-14.0303.

    E.   Students seeking an Associate in Arts degree under the 2021-22 catalog year, or thereafter, must demonstrate competency in civic literacy by completing both of the following requirements:

        1.   Passing either AMH 2020 or POS 2041 with a grade of "C" or higher; and

        2.   Achieving the standard score on one of the following assessments:

Florida Civic Literacy Exam	Score: 60%
AP Government & Politics: United States	Score: 3
AP United States History	Score: 4
CLEP: American Government	Score: 50

    F.   Students have a 15-session period, beginning with the academic year of initial enrollment, in which to complete graduation requirements under the terms of the College catalog which was in effect at the time of their initial enrollment. However, students may opt to meet the program course requirements for any catalog year within the 15-session period based on advisement provided by the program director and/or the counselor/advisor. Students who have not graduated within this 15-session period will begin a new 15- session period upon their next enrollment following the expiration of their previous 15-session period.

IV.   The following general requirements for graduation from St. Petersburg College must be met by all students who are candidates for the Associate in Science degree:

    A.   Students must satisfactorily complete the general education requirements for the Associate in Science degree including any assessment of educational outcomes that are required by the College. Students must satisfactorily

complete 25 percent of the semester hours required for graduation at the St. Petersburg College including at least 12 credit hours in the major.

B. Students must achieve a grade point average of 2.0 or better on a 4.0 scale, for all work at St. Petersburg College considered alone and for all work at the College and transfer credits combined. The quality point value of transfer work accepted by the College will be included in grade point average computations for all purposes including determination of achievement of the required 2.0 grade point average to be graduated from St. Petersburg College.

C. Students seeking an Associate in Science degree under the 2022-23 catalog year, or thereafter, must complete at least one (1) core course from each of the general education subject areas listed under Florida Administrative Code (F.A.C. 6A-14.0303).

D. Students seeking an Associate in Science degree under the 2022-23 catalog year, or thereafter, must demonstrate competency in civic literacy by completing both of the following requirements:

1. Passing either AMH 2020 or POS 2041 with a grade of "C" or higher; and

2. Achieving the standard score on one of the following assessments:

Florida Civic Literacy Exam	Score: 60%
AP Government & Politics: United States	Score: 3
AP United States History	Score: 4
CLEP: American Government	Score: 50

E. Students have a 15-session period, beginning with the academic year of initial enrollment, in which to complete graduation requirements under the terms of the College catalog which was in effect at the time of their initial enrollment. However, students may opt to meet the program course requirements for any catalog year within the 15-session period based on advisement provided by the program director and/or the counselor/advisor. For students in limited enrollment programs, students must receive approval from the appropriate program director. For students enrolled in linkage programs, the 15-session period begins with their initial enrollment at their local college. Students who have not graduated within this 15-session period will begin a new 15-session period upon their next enrollment following the expiration of their previous 15-session period. In each of the selected admission A.S. degree programs, students have a 15-session period, beginning with the session of initial enrollment into the program, to complete the specialty courses required for the degree.

V. The following general requirements for completion must be met by all students who are candidates for College Credit Certificates, Applied Technical Certificates or Applied Technology Diplomas:

A. Candidates must achieve a 2.0 grade point average or better on a 4.0 scale in all coursework applicable to either the College Credit Certificate, Applied Technical Certificate or Applied Technology Diploma.

VI. Degrees

The authority for the award of baccalaureate degrees is contained in 1004.73, F.S. The authority for the award of associate degrees is contained in Rule 6A-14.030. The regulation sets as the minimum requirement for the award of an associate degree the completion of a program of post-high school studies of not less than 60 semester hours.

A. The Bachelor of Science and Bachelor of Applied Science degrees are defined in 1004.73, F.S.

B. The Associate in Arts degree is defined in Rule 6A-14.030(3).

C. The Associate in Science degree is defined in Rule 6A-14.030(4).

D. The College Credit Certificate is defined in Rule 6A-14.030(6).

E. The Applied Technology Diploma is defined in Rule 6A-14.030(7).

F. The Advanced Technical Certificate is defined in Rule 6A-14.030(8)

G. The Certificate of Professional Preparation is defined in Rule 6A-14.030(9)

VII. Graduation with Honors

A. Each student graduating with an associate's degree from St. Petersburg College with a GPA of 3.30 or higher on all college work will receive a special notation on the diploma indicating graduation with honors.

B. Associate degree candidates (A.A. candidates who have completed at St. Petersburg College at least 25% of the semester hours required for graduation; and A.S. and A.A.S. degree candidates who have completed at least 25% of the semester hours required including at least 12 hours in the major area) who have earned an overall grade point average (GPA) of 3.50 or higher shall be considered for Latin Honors at graduation. Honors are conferred based on the following scale:

   1. Cum Laude—a diploma designation for candidates with an overall GPA of at least 3.50 but below 3.70 (with honors).

   2. Magna Cum Laude—a diploma designation for candidates with an overall GPA of at least 3.70 but below 3.90 (with high honors).

   3. Summa Cum Laude—a diploma designation for candidates with an overall GPA of 3.90 or higher (with highest honors).

   The GPA is not rounded up when determining honors for graduation (e.g., 3.49 is not the same as 3.50).

C. Eligibility guidelines for Graduation with Honors Diploma or Honors Certificate are as follows. A student should:

   1. have earned 18 credit hours of honors-designated courses with a cumulative grade point average of 3.5 or higher for the Honors Diploma; OR have earned 11 credit hours of honors-designated courses with a cumulative grade point average of 3.25 or higher for the Honors Certificate; AND

   2. have completed one service-learning project and/or participated in one extra-curricular activity per each semester; AND

   3. maintained a cumulative grade point average of 3.3 in honors-designated courses.

D. Bachelor's degree candidates who have completed 40 credits of upper-division graded coursework at St. Petersburg College and have earned an overall grade point average (GPA) of 3.50 or higher shall be considered for Latin honors at graduation. Honors are conferred based on the following scale:

   1. Cum Laude—a diploma designation for candidates with an overall GPA of at least 3.50 but below 3.70 (with honors).

   2. Magna Cum Laude—a diploma designation for candidates with an overall GPA of at least 3.70 but below 3.90 (with high honors).

   3. Summa Cum Laude—a diploma designation for candidates with an overall GPA of 3.90 or higher (with highest honors).

   The GPA is not rounded up when determining honors for graduation (e.g., 3.49 is not the same as 3.50).

VIII. Honorary Degrees

   The College may award honorary degrees.

IX. The President is authorized to permit substitute graduation requirements for eligible disabled students as defined by Rule 6A-10.041, F.A.C. (See 6Hx23-4.02 for substitute requirements for qualified disabled students.)

X. Degrees in Memoriam

   A. The President may grant a "Degree in Memoriam" in honor of a student who deceases while enrolled in the College providing the following requirements are met:

      1. The award of the degree is requested by a member of the student's immediate family (i.e., mother, father, sister, brother, spouse, child or grandparent); and

      2. The student was enrolled and in good standing at the time of his/her death.

   B. The Degree in Memoriam may be presented to appropriate members of the student's immediate family at one of the graduation ceremonies following the award of the degree or to members of the family prior to the graduation ceremony if the earlier date is preferred by the family.

   C. Exception to the above requirements may be approved by the President.

Lost and Found

P6Hx23-5.1311   PROCEDURE: LOST AND FOUND

I. Lost and Found shall be located in the office of the Student Activities Specialist on each site and shall operate during the hours of 8:00 AM to 4:00 PM Monday through Friday. On weekends and after normal operating hours, the Lost and Found will be located in the Library.

II. All items placed in the Lost and Found shall be placed in a lockable cabinet. Said cabinet shall remain locked at all times. Access to this cabinet shall be primarily through the Student Activities Specialist, and secondarily through the Student Services Secretary.

III. All items placed in Lost and Found shall be logged in on the Lost and Found Log Sheet (Form No. SA 418) located on top of the cabinet. Log-in should include:

a) a line number
b) description of the item
c) date the item was turned in
d) student number or social security number of the person turning in the item
e) where the item was found

A Lost and Found Item Tag (Form No. SA 419) with the following information will be attached to each item before being placed in the cabinet:

a) an identification number matching the log line number
b) date on which the item was turned in

This will ensure proper ID and/or disposal of items in a timely manner.

IV. Person(s) claiming lost item(s) should be able to adequately describe said item(s) without prior knowledge of what has been found and MUST show appropriate identification on reclamation of said item(s). Item(s) shall be logged out upon return to the rightful owner.

Log-out should include the following:

(a) date the item was returned
(b) name of the person to whom it was returned
(c) the initials of the staff person returning the item

V. All items placed in Lost and Found shall be retained for a period of not less than 30 days and not more than 60 days. All items remaining unclaimed after this time shall be deemed abandoned and shall be sold at public outcry after giving notice of the time and place of sale in a publication of general circulation on the campus and written notice to the owner if known. The rightful owner may reclaim same at any time prior to sale. All monies realized from such sale shall be placed in an appropriate fund and used solely for student scholarship and loan purposes.

Law Implemented: F.S. 705.18.

History: Adopted - 12/20/94. Effective - 12/20/94.

Maximum Student Load

6Hx23-4.161   MAXIMUM STUDENT LOAD

The maximum student load is eighteen (18) semester hours of credit in each of Terms I and II and twelve (12) semester hours of credit in Term III. Under extenuating circumstances, students may, with the approval of a counselor or academic advisor, take additional credit hours.

Specific Authority: 1001.64(2) & (4), F.S.

Law Implemented: 1001.64, F.S.; Rule 6A-14.0262(8), F.A.C.
History: Filed – 11/21/06. Effective – 11/21/06.

Parking and Vehicle Control

6Hx23-1.25   PARKING AND TRAFFIC CONTROL

I.   The president shall approve a plan for the control of traffic and parking.

II.   Accidents occurring on college property shall be reported to the local police in accordance with the law.

III.   The college shall assume no responsibility for theft or damages occurring to vehicles while on college property.

IV.   Vehicles illegally parked in spaces reserved for individuals with disabilities/handicapped may be towed away at the owners' expense.

General Authority: 240.319(3)(b), F.S.
Law Implemented: 240.319(3)(a), F.S.
History: Filed - 1/19/93. Effective - 1/19/93.

6Hx23-4.34   STUDENT TRAFFIC AND PARKING CONTROL

The Board of Trustees authorizes and directs the President or a designee to establish procedures governing parking and the flow of traffic within campus boundaries, and implement procedures regarding regulations and appropriate penalties for violations.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(24)
History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-1.25   PROCEDURE: PARKING AND TRAFFIC CONTROL

FACULTY AND STAFF

Employees will use parking lots labeled by signs marked "Faculty Parking Only." Staff decals are required for parking in these lots. When these lots are filled to capacity, staff members may park in other parking areas. Staff riding motorcycles or bicycles will use roadways and not sidewalks. Parking spaces for motorcycles are designated on each campus. Parking along curbs, on the grass, sidewalks, loading docks, or ramps, in areas other than marked spaces, and in an area specifically designated and/or barricaded, is not authorized. Dependent students of staff members are not authorized to park in faculty lots even if the vehicles have valid decals.

STUDENTS

Students will park in parking lots labeled by signs marked "Student Parking Only." Students riding motorcycles or bicycles will use roadways and not sidewalks. Parking spaces for motorcycles and bicycles are available on each campus. Students are not authorized to park in faculty lots at any time, or in the visitors' lot Monday through Friday between 7 a.m. and 4:30 p.m. Parking along curbs, on the grass, sidewalks, loading docks, or ramps, areas other than marked spaces, and in areas specifically designated and/or barricaded, is not authorized.

Students found in violation of parking and driving regulations will be fined. The rate of fines is standard and available in the Student Activities office on campus.

VISITORS PARKING

When visitors are invited to a campus, they should be advised of the visitors' parking lot. Faculty, staff, and students are not allowed to park in the visitors' lot before 4 p.m. When the visitors' lot is filled to capacity, the campus patrolman on duty may permit use of a faculty lot.

History: 12/17/91. Filed - 12/17/91. Effective - 1/1/92.

P6Hx23-4.34   PROCEDURE: STUDENT TRAFFIC AND PARKING CONTROL

I.   The following schedule of fines and penalties for parking and traffic violations shall be in effect at all campuses and centers of the college:

A. Parking

Illegal parking in any form, each offense $10.00

B. Speeding

Operation of any type vehicle in excess of
posted speed limit, each offense $10.00

After the second offense, automatic referral to
the dean of student services for disciplinary
action under rules 6Hx23-4.33 and 6Hx23-4.35.

C. Reckless Driving

Operation of any type vehicle in a wanton or
willful manner so as to endanger life or property,
each offense $10.00

After the first offense, automatic referral to the
dean of student services for disciplinary action
under rules 6Hx23-4.33 and 6Hx23-4.35.

D. Compliance with Traffic Signs

Failure to heed traffic regulatory signs,
each offense $10.00

II.   Citations issued by the campus police for alleged traffic or parking violations, or fines levied or assessed by the College, can be canceled only by the Dean of Student Services, Provost, or Center Administrator.

III.   Vehicles illegally parked in special reserved areas where the college has posted signs may be towed away at the owner's expense.

IV.   In accordance with Florida law, moneys collected from parking and traffic violation fines will be used for student financial aid purposes.

V.   The parking office is a function of the student activities office on each campus. All parking violations are processed here. The campus police initiate the process by issuing citations to offenders. The business office then collects the fine based on BOT Rule 6Hx23-4.34. The student activities specialist serves as the appeal officer on all parking matters.

VI.   Parking ordinances and printed information explaining parking rules and violations shall be distributed to all students.

VII.   Distribution of staff decals shall be determined by the campus provost. All employees of the college are expected to adhere to campus parking rules and procedures. Repeated violations by employees shall be reported to the campus provost.

VIII. All fines collected from student parking and traffic violation fines will be used for student activity scholarships (see P6Hx23-4.031).

IX.   Procedure: Towing of Vehicles

A. When a motor vehicle is parked illegally in an area designated for the handicapped or as a fire lane when such areas are identified as tow away, the security guard or traffic control person shall notify the campus dean of student services, provost, or the evening administrator-on-duty of the description and location of the vehicle. In addition, the security guard or traffic control person shall notify the dean of student services, provost, or the evening administrator-on-duty of the description and location of any vehicle which is repeatedly parked in designated student parking areas.

B. The dean of student services, provost, or the evening administrator-on-duty may notify a towing company and request that the towing company tow the car from the campus to the towing company's storage lot, which shall be located not more than five miles from the campus.

C. Upon the arrival of the towing company representative at the campus, said representative and the security guard or traffic control person shall visually inspect the vehicle for apparent damage and shall complete and sign Form SA-402 in duplicate. The security guard or traffic control person shall forward one copy of Form SA-402 to the dean of student services, and the second copy shall be given to the towing company representative.

D. The towing company shall then remove the vehicle. If the registered owner of the vehicle or other legally authorized person in control of the vehicle shall arrive at the scene prior to removal or towing of the vehicle, the security guard or traffic control person shall request that the company representative disconnect the vehicle, unless said person refuses to remove the vehicle from the area in which it is illegally parked.

E. The dean of student services shall make available to the registered owner of the vehicle or other legally authorized person in control of the vehicle who requests such information, the name of the towing company, the location of its storage lot, and its schedule of rates.

History: Amended - 3/15/83, 11/1/88. Effective - 11/8/88, 12/17/91. Filed - 12/17/91. Effective - 1/1/92; 7/17/12. To Be Filed – 7/17/12. Proposed Date to Become Effective – 7/17/12.

Policy for Threats, Violence, Stalking and / or Use or Possession of Explosives, Destructive Devices, Firearms and / or Weapons

6Hx23-1.232   POLICY FOR THREATS, VIOLENCE, STALKING AND/OR USE OR POSSESSION OF EXPLOSIVES, DESTRUCTIVE DEVICES, FIREARMS AND/OR WEAPONS, ETC.

I.   GENERAL POLICY

Nothing is more important than the safety and security of the students and employees of the College. Threats, threatening behavior, acts of violence, stalking, the use and/or possession of explosives, destructive devices, and the use or unauthorized possession of firearms and/or weapons, etc. will not be tolerated, whether the conduct is directed against students, employees, visitors, guests or any other individuals on College property or against any one attending a College sponsored event. The College has zero tolerance for such conduct. Violations of this policy by a student or employee will lead to disciplinary action as provided in the Board of Trustees' Rules, State Board of Education Rules and law, which may include suspension or dismissal, and may subject the student or employee to immediate removal from the campus or other College property.

II.   PROHIBITED CONDUCT

This policy prohibits:

A. Any substantial threat - any threat to harm or endanger the safety of others or threat to damage or destroy property. It shall not be an excuse that the threat was false, unintentional or a joke.

B. Any threatening behavior - behavior or actions interpreted by a reasonable person as carrying the potential for violence and/or acts of aggression. Acts of violence - any act(s) which a reasonable person would believe constitutes battery under Florida law and/or the intentional damaging or destruction of property.

C. Stalking as defined in law pursuant to Florida Statute 784.048.

D. Use and/or possession of an explosive(s), or destructive device(s) and/or weapon(s), including firearms, as those terms are defined in Florida Statutes 790.001, by any person except for use and possession by certain persons who may carry or possess a weapon(s) or firearm, in accordance with College Procedure P6Hx23-1.232.

E. Leaving unattended book bags or other item(s) wherein explosives, destructive devices, firearms and/or weapons, etc. may be located.

This policy is not meant in any way to curtail an individual's right to express himself/herself as long as that expression is not disruptive, inappropriate, unprofessional and would not cause a reasonable person to be put in fear of harm.

III.   ACTION TO BE TAKEN

Any person who makes substantial threats, exhibits threatening behavior, engages in violent acts, stalks, uses or possesses explosives, destructive devices, possesses an unauthorized firearm and/or weapon, or uses any firearm or weapon other than in accordance with College Procedure P6Hx23-1.232 on College property, online instructional platform, SPC email, or any other means shall be in violation of the College code of conduct and forfeit any right to be on the College's website, property or at a College sponsored event and shall be removed from the premises as quickly as safety permits. College personnel or security shall immediately notify the local law enforcement authority by calling 911 (9-911 from a College telephone) and request immediate assistance in the removal of the person. College personnel should also promptly notify College Security at 791-2560, the site provost, associate provost or designee, the director of Human Resources and the General Counsel's Office, as appropriate.

Any book bag or other item(s), wherein explosives, destructive devices, firearms and/or weapons, etc. may be located, left unattended may be secured by College staff, security, and/or law enforcement personnel for inspection for explosives, destructive devices and/or weapons and firearms.

IV.   DISCIPLINE OF STUDENTS AND EMPLOYEES

Should the prohibited conduct be committed by a College student or employee, an investigation shall be conducted, and, if appropriate, disciplinary proceedings commenced. Where it is deemed necessary the student or employee will be removed from the campus or site immediately pending disciplinary proceedings pursuant to this Rule and College Procedure P6Hx23-4.33, Section III. In the case of a student, disciplinary proceedings shall commence pursuant to College Procedure P6Hx23-4.35. In addition, students may be subject to the threat assessment procedure found in College Procedure P6Hx23-4.351. Employees may be subject to disciplinary action including, but not limited to, suspension and dismissal under the provisions of Board of Trustees' Rules and Procedures pertaining to employees.

Whether the student or employee is entitled to return to the College for continuation of his/her coursework or employment during the pending investigation and disciplinary proceedings will depend upon the nature of the conduct and the best judgment of the site provost, administrator or designee consistent with the general policy described in this Rule. The site provost, administrator or designee shall attempt to provide the student or employee with an opportunity to tell their side of the story before imposing restrictions. The site provost, administrator or designee may impose restrictions consistent with said general policy on an employee's or student's return to the College during the time the investigation and proceedings are pending. The student or employee will have an automatic review of the provost's, administrator's or designee's decision by the President or designee. The student or employee and the site provost, administrator or designee shall submit their position/evidence to the President or designee in writing within three (3) working days after the site provost's, administrator's or designee's decision. The President or designee may require more investigation or enter a decision based on the furnished information. A decision on this issue shall not necessarily affect whether or not the student or employee shall be subject to discipline.

In any disciplinary proceeding brought against the student or employee, the discipline may include limited access to College facilities, and other restrictions, reassignment, training, counseling, reprimand, probation, suspension, or dismissal of the student or employee as circumstances may indicate.

V.   CONFLICT WITH OTHER RULES, ETC.

No existing College Rule, policy, practice and/or procedure should be interpreted to prohibit decisions designed to stop a threat from being carried out, a violent act from occurring or a life threatening situation from developing.

VI.   REPORTING OF PROHIBITED CONDUCT AND RESTRAINING ORDERS

Students and employees are responsible for notifying campus security via the College-wide security phone number, their site provost, associate provost or designee, or the senior vice president of Student Services or the director of Human Resources of any threats, threatening behavior, acts of violence or stalking in which they have been subjected to, witnessed or have been told that another person has witnessed or received, as well as any item left unattended wherein an explosive, destructive devices, firearms and/or weapon, etc. could be located. Even without an actual threat, students and employees should also report any behavior that they have witnessed which they regard as intimidating, threatening or violent in nature when that behavior is related to or might be carried out on College property or at a College sponsored activity.

Any individual who applies for or obtains a protective or restraining order that lists any College site as being a protected area must provide campus security, the provost, associate provost, or designee or director of Human Resources at the listed site(s) a copy of the petition, the affidavit, if any, used to seek the order, a copy of any temporary or protective restraining order granted and a copy of any protective and restraining order that is made permanent. The provost, associate provost, site administrator or their designee or the director of Human

Resources or campus security shall report any violation of any protective or restraining order to the law enforcement agency charged with the enforcement of said orders.

VII.   STUDENT THREAT ASSESSMENT

A student may be subject to a threat assessment to evaluate whether that student's behavior in a given specific circumstance may suggest a threat of targeted violence to self or others. These threats may include, among other threatening acts on campus, acts of violence, stalking, the use or anticipated use of explosives, destructive devices, firearms and/or weapons. In such cases, the threat assessment procedure as outlined in College Procedure P6Hx23-4.351 shall be activated where appropriate. In any case, a student subject to a threat assessment may also be subject to this Rule, as well as subject to disciplinary action pursuant to College Procedure P6Hx23-4.33 and College Procedure P6Hx23-4.35.

VIII.   DEPARTMENTAL PLANS

As part of the College's Emergency Management Plan, each campus and site shall develop and disseminate a written procedure for dealing with what action should be taken by members of the department in the event of a threat, threatening behavior, acts of violence, stalking and/or the use or possession of explosives, destructive devices, firearms and/or deadly weapons, etc. on each campus or site, or at a College sponsored event. Human Resources shall help identify risks and advise on how to manage the risk of departments upon request.

IX.   OVERSIGHT

The Emergency Management Council, in conjunction with Campus Security and Human Resources shall from time to time review the effectiveness of, consistency in application and the need to amend this Rule.

X.   TRAINING

The College shall provide training to its provosts, associate provosts, site administrators, or designees, and full-time security in a budgeted position in the areas of conflict and anger management techniques, negotiation techniques and crisis management. Risk Management and Human Resources will identify risk areas and Human Resources will provide training accordingly.

Specific Authority: 1001.64 (2) & (4), F.S.
Law Implemented: 1001.64(4)(a) & (b), 1001.64(8)(f), Chapter 790, F.S.

History: Filed – 4/15/14. Effective – 4/15/14.

President's Honor List

6Hx23-4.491   PRESIDENT'S HONOR LIST

Students achieving a minimum grade point average of 3.3 each term, and who are enrolled in at least 12 academic hours for Terms I or Term II, or, at least 9 academic hours for Term III, shall be included in the President's Honor List.

Specific Authority:1001.64(2) & (4), F.S.

Law Implemented: 1001.64 (6) & (8), F.S.; Rule 6A-14.0262(8)(a), F.A.C.

History: Filed – 2/17/05. Effective – Session I, 2005-06.

Residency

6Hx23-4.14   FLORIDA RESIDENT CLASSIFICATION FOR THE PURPOSE OF ASSESSING FEES

The Board of Trustees shall authorize and direct the President to establish College procedures outlining the process of assessing and classifying Florida residency for tuition purposes in accordance with state law and the pertinent State Board of Education Rule.

Specific Authority: 1001.64(2) & (4), F.S.

Law Implemented: 1001.64(18), 1012.81, 1012.855, F.S; Rule 6A-14.047, F.A.C.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.14   PROCEDURE: FLORIDA RESIDENT CLASSIFICATION FOR THE PURPOSE OF ASSESSING FEES

Classification as a Florida resident for tuition purposes shall be based upon Section 1009.21, Florida Statutes and the Guidelines on Florida Residency for Tuition Purposes adopted by the Articulation Coordinating Committee on September 6, 2006.

Every applicant for admission to St. Petersburg College shall be required to make a statement as to his or her length of residence in the state and, further, shall establish that his or her presence or, if the applicant is a dependent child, the presence of his or her parent or parents in the state currently is, and during the requisite 12-month qualifying period was, for the purpose of maintaining a bona fide domicile, rather than for the purpose of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher education.

For the purpose of determining residency status, "term" is defined as the beginning of a regular and/or express session for which residency is sought. If evidence of 12 months of residency cannot be established by the first day of the term but can be established before the start of the express session, residency may be granted for the express session provided that the student is not enrolled in any classes which start before the beginning of the express session.

I.   The College shall follow Residency Guidelines adopted by the statewide Articulation Coordinating Committee on September 6, 2006 and any amendment that may be made thereto.

   A.   Students shall be classified as residents or nonresidents for the purpose of assessing tuition fees and other charges at the College.

      1.   Dependent child is any person, whether or not living with a parent, who is eligible to be claimed by her or his parent as dependent under the Federal Income Tax Code.

      2.   Institution of higher education is any of the constituent institutions under the jurisdiction of the State University System or the State Community College System.

      3.   Legal resident or resident is a person who has maintained residence in this state for the preceding year, has purchased a home which is occupied by her/him as her/his residence, or has established a domicile in this state pursuant to Florida Statute 222.17.

      4.   Parent means the natural or adoptive parent or legal guardian of a dependent child.

      5.   Resident for tuition purposes is a person who qualifies as provided within this policy for the in-state tuition; and nonresident for tuition purposes is a person who does not qualify for the in-state tuition rate.

   B.   Qualifications as a Resident for Tuition Purposes

      1.   A person or, if that person is a dependent child, her/his parent or parents must have established legal residence in this state and must have maintained legal residence in this state for at least 12 months immediately prior to her/his qualification.

      2.   Every applicant for admission to an institution of higher learning shall be required to make a statement as to length of residence in the state and, further, shall establish that her/his presence or, if she/he is a dependent child, the presence of her/his parent or parents in the state currently is, and during the requisite 12-month qualifying period was, for the purpose of maintaining a bona fide domicile, rather than for the purpose of maintaining a mere temporary residence or abode incident to enrollment in an institution of higher learning.

      3.   With respect to a dependent child living with an adult relative other than the child's parent, such child may qualify as a resident for tuition purposes if the adult relative is a legal resident who has maintained legal residence in this state for at least 12 months immediately prior to the child's qualification, provided the child has resided continuously with such relative for the 5 years immediately prior to the child's qualification, during which time the adult relative has exercised day-to-day care, supervision, and control of the child.

      4.   The legal residence of a dependent child whose parents are divorced, separated or otherwise living apart will be deemed to be this state if either parent is a legal resident of the state, regardless of which parent is entitled to claim, and does in fact claim, the minor as a dependent

pursuant to federal individual income tax provisions.

5. An individual shall not be classified as a resident for tuition purposes and, thus, shall not be eligible to receive the in-state rate until she/he has provided such evidence related to legal residence and its duration as may be required by officials of the institution of higher learning from which she/he seeks the in-state tuition rate.

6. With respect to a dependent child, the legal residence of such individual's parent or parents is prima facie evidence of the individual's legal residence, which evidence may be reinforced or rebutted, relative to the age and general circumstances of the individual, by the other evidence of legal residence required of or presented by the individual. However, the legal residence of an individual whose parent or parents are domiciled outside this state is not prima facie evidence of the individual's legal residence if that individual has lived in this state for 5 consecutive years prior to enrolling or re-registering at the institution of higher learning at which resident status for tuition purposes is sought. Notwithstanding the foregoing, U.S. citizen dependent students, who can otherwise establish Florida residency, shall not be required to provide evidence of their parent's federal immigration status or legal presence in the United States to qualify as residents for tuition purposes.

7. In making a domiciliary determination related to the classification of a person as a resident or nonresident for tuition purposes, the domicile of a married person, irrespective of sex, shall be determined, as in the case of an unmarried person, by reference to all relevant evidence of domiciliary intent. For the purpose of this section:

   a. A person shall not be precluded from establishing or maintaining legal residence in this state and subsequently qualifying or continuing to qualify as a resident for tuition purposes solely by reason of marriage to a person domiciled outside this state, even when that person's spouse continues to be domiciled outside of this state, provided such person maintains her/his legal residence in this state.

   b. A person shall not be deemed to have established or maintained a legal residence in this state and subsequently to have qualified or continued to qualify as a resident for tuition purposes solely by reasons of marriage to a person domiciled in this state.

   c. In determining the domicile of a married person, irrespective of sex, the fact of the marriage and the place of domicile of such person's spouse shall be deemed relevant evidence to be considered in ascertaining domiciliary intent.

8. Any nonresident person, irrespective of sex, who marries a legal resident of this state or marries a person who later becomes a legal resident may, upon becoming a legal resident of this state, accede to the benefit of the spouse' immediately precedent duration as a legal resident for purposes of satisfying the 12-month durational requirement of this section.

9. A person shall not lose resident status for tuition purposes solely by reason of serving, or, if such person is a dependent child, by reason of her/his parent's or parents' serving, in the Armed Forces outside this state.

10. A person who has been properly classified as a resident for tuition purposes but who, while enrolled in an institution of higher learning in this state, loses resident tuition status because she/he or, if she/he is a dependent child, her/his parent or parents establish domicile or legal residence elsewhere shall continue to enjoy the in-state tuition rate for a statutory grace period, which period shall be measured from the date on which the circumstances arose that culminated in the loss of resident tuition status and shall continue for 12 months. However, if the 12-month grace period ends during a semester or academic term for which such former resident is enrolled, such grace period shall be extended to the end of that semester or academic term.

11. Any person who ceases to be enrolled at or who graduates from an institution of higher learning while classified as a resident for tuition purposes and who subsequently abandons her/his domicile in this state shall be permitted to re-enroll at an institution of higher learning in this state as a resident for tuition purposes without the necessity of meeting the 12-month durational requirement of this section if that person has re-established domicile in this state within 12 months of such abandonment and continuously maintains the reestablished domicile during the period of enrollment. The benefit of this section shall not be accorded more than once to any one person.

12. The following persons shall be classified as residents for tuition purposes:

a. Active duty members of the Armed Services of the United States residing or stationed in Florida (and spouse/dependent children); active duty members of the Florida National Guard (and spouse/dependent children) who qualify under 250.10(7) and (8); or military personnel not stationed in Florida whose home of record or state of legal residence certificate, DD Form 2058, is Florida (and spouse/dependent children).

b. Full-time instructional and administrative personnel employed by state public schools, community colleges, and institutions of higher learning, as defined in Florida Statute 1000.04, and their spouses and dependent children.

c. Students from Latin America and the Caribbean who receive scholarships from the federal or state government. Any student classified pursuant to this paragraph shall attend, on a full-time basis, a Florida institution of higher learning.

II. Every applicant for admission to the College must complete one or more of the application forms for admission and must show two pieces of evidence of having lived in Florida for at least 12 consecutive months before the first day of classes of the term for which Florida residency is sought. Applicants for admission should use the following forms:

A. College credit - Application for Admission form SR-420

B. Corporate Training - Application/Registration form SR 459

C. Noncredit - Application form CE 400.

D. Only Application for Admissions form SR 420 requires that the residency affidavit section be completed by the appropriate legal resident stating under oath:

1. The duration of legal residency in Florida, and

2. That his/her presence in Florida was for the purpose of maintaining a bona fide domicile, rather than for the purpose of maintaining a mere temporary residence incident to enrollment in the College.

E. Evidence that Can Be Used to Establish Residency
At least two of the following documents must be submitted, with dates that evidence the 12-month qualifying period. At least one of the documents must be from the First Tier. As some evidence is more persuasive than others, more than two may be requested. No single piece of documentation will be considered conclusive. Additionally, there must be an absence of information that contradicts the applicant's claim of residency.

1. First Tier (as least one of the two documents submitted must be from this list)

a. Florida's driver's license (if known to be held in another state previously, must have relinquished OR a State of Florida identification card (if evidence of no ties to another state)

b. Florida voter registration card

c. Declaration of Domicile in Florida (12 months from the date the document was sworn and subscribed as noted by the Clerk of Circuit Court)

d. Proof of purchase of permanent home in Florida that is occupied as a primary residence of the claimant.

e. Transcripts from a Florida high school for multiple years (if Florida high school diploma or GED was earned within last 12 months)

f. Proof of permanent full-time employment in Florida (one or more jobs for at least 30 hours per week for a 12-month period)

g. Benefit histories from Florida agencies or public assistance programs

2. Second Tier (may be used in conjunction with one document from First Tier)

a. A Florida professional or occupational license

        b.   Florida incorporation

        c.   Documents evidencing family ties in Florida

        d.   Proof of membership in Florida-based charitable or professional organizations

        e.   Any other documentation that supports the student's request for resident status

3.   Examples of "other" documentation:

        a.   Utility bills and proof of 12 consecutive months of payments

        b.   Lease agreements and proof of 12 consecutive months of payments

        c.   State or court documents evidencing legal ties to Florida

4.   Unacceptable Documents (may not be used)

        a.   Hunting/fishing licenses

        b.   Library cards

        c.   Shopping club/rental cards
        d.   Birth certificates
        e.   Passport

III.   Reclassification:

Students classified as "nonresidents for tuition purposes" who desire to be reclassified as "residents for tuition purposes" must fully comply with the "resident for tuition purposes" requirements of this procedure and complete under oath the Florida residency affidavit section of the Application for Admission form.

IV.   Appeals:

In the cases where the applicant expresses a desire to appeal the admissions classification, he or she should present an informal appeal to the campus coordinator of Admissions and Records at the applicant's home campus. This administrative review shall include a thorough investigation of all pertinent facts including evidence presented by the applicant. The applicant shall cooperate and provide information reasonably requested by the campus coordinator of Admissions and Records or designee. A decision will be made by the campus coordinator of Admissions and Records or designee involved within 7 working days after the matter has been presented. If the applicant is not satisfied with the decision of the campus coordinator of Admissions and Records or designee, the applicant may appeal to the college registrar. The applicant should present evidence and reasons in support of his/her position to the college registrar.

The college registrar will evaluate evidence presented by the applicant and using the current Florida state statute, state rules and guidelines provided to the College by the state Articulation Coordinating Committee, make the final determination of residency.

History: Filed – 11/20/12. Effective – 11/20/12.

Student Code of Conduct

6Hx23-4.33   STUDENT CODE OF CONDUCT

Students enrolled at St. Petersburg College are expected to conduct themselves in a manner which will reflect credit to the College, the community, and themselves. Each student, by registering, assumes the responsibility to become familiar with and to abide by the general regulations and rules of conduct of the College. If found guilty of violation of any of these rules, a student may be subject to the placing of a hold on the student's record, the withholding of grades, credits, transcripts, or diplomas, disciplinary probation, suspension or dismissal, in accordance with prescribed policies and procedures for the handling of disciplinary cases.

The Board of Trustees authorizes and directs the President to establish regulations related to prohibited activities and

those activities which violate the student code of conduct found in the accompanying College procedure. Students found to have violated the College's code of conduct shall be subject to disciplinary action as outlined in the College's procedure on the disciplinary process.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(8), 1000.05, 1006.60, F.S.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.33   PROCEDURE: STUDENT CODE OF CONDUCT

I.   The following actions are prohibited at or on any campus or center of the College, or at any College-sponsored or College-affiliated activity or event. Violation of any of these regulations may result in disciplinary action. In addition, the College reserves the right to impose discipline based on any student conduct, regardless of location, that may adversely affect the College or College community. Further, disciplinary action may be imposed in special circumstances where prescribed by law.

   1.   Possession or consumption of alcoholic beverages.

   2.   Use, possession, sale, barter, exchange, gift, distribution, or other transaction of any drugs which would be in violation of state or federal law.

   3.   Cheating in any form as delineated in the College's Procedure on Academic Honesty.

   4.   Stealing or attempting to steal.

   5.   The use of indecent or abusive language.

   6.   Gambling.

   7.   Hazing. The College's anti-hazing policy and the penalties for violations thereof are set forth in Board of Trustees' Rule 6Hx23-4.331.

   8.   Vandalism or destruction of property.

   9.   Unauthorized possession, duplication or use of keys or access cards to any College premises or services.

   10.   Taking or unauthorized use or possession of College property or the private property of another.

   11.   Falsification, forgery, alteration, or misuse of any College record, document or identification card.

   12.   Permitting another to use his or her College identification card, impersonating another or misrepresenting being authorized to act on behalf of another.

   13.   Failure to comply with lawful directives of College officials or security officers acting within the performance of their duty.

   14.   Any action which causes or attempts to cause a fire, explosion, including bomb threats, or any false reporting of a fire, explosion or any tampering with the fire safety equipment or other safety devices or the failure to evacuate the College buildings during a fire alarm.

   15.   Fraudulent and/or unauthorized official use of College name, seal, emblem, nickname or motto.

   16.   Lewd or indecent conduct as defined in the Florida Statutes, Chapter 800.

   17.   Behavior or actions which are disruptive of the normal, peaceable, and orderly operation of the College, including the management of the teaching and learning environment.

   18.   Any disorderly conduct or breach of peace. This includes, but is not limited to, such conduct as threatening, fighting or other tumultuous behavior, the making of unreasonable noise or offensively coarse utterances, gestures or display, or abusive language to any person, creation of a hazard or offensive condition or other causes or matters resulting in the disturbance of the public tranquility and order of the College, its students or personnel.

   19.   Obstruction of the free flow of pedestrian or vehicular traffic on College premises or at College sponsored or

supervised functions.

20. Acts of verbal or written abuse, threats, intimidation, harassment, coercion and/or other conduct which creates an intimidating, hostile or offensive working and/or educational environment.

21. Violation of a federal or state law, county or city ordinance.

22. Assault or physical abuse.

23. Possession or use of explosives (including fireworks), chemical agents, or weapons (including firearms) on College property unless such possession and use is authorized as provided for in the Board of Trustees' Rule 6Hx23-1.232 and College Procedure P6Hx23-1.232.

24. Unauthorized entry and/or occupancy of College facilities.

25. Violations of student traffic and parking control as listed in Board of Trustees' Rule 6Hx23-4.34.

26. Sexual harassment, as defined in Board of Trustees' Rule 6Hx23-2.011.

27. Sexual misconduct, as defined in Board of Trustees' Rule 6Hx23-4.332.

28. Discrimination as defined pursuant to the Board of Trustees' Rule 6Hx23-1.34 and College Procedure P6Hx23-1.34.

29. Stalking as defined by Florida law pursuant to §784.048.

30. Disobedience. Failure to abide by official College rules, procedures, policies or guidelines.

31. Conduct endangering safety and welfare. The commission of any act which one could reasonably foresee as having the potential to threaten or endanger the health or well-being of any person or property.

32. Misuse of Computer and Computer Information Resources as outlined in the Board of Trustees' Rule 6Hx23-6.900 and College Procedure P6Hx23-6.900.

33. False information. Furnishing false information to a College official in the exercise of his/her responsibilities.

34. Knowingly instituting a false charge against another.

35. Intentionally, without consent, limits or restricts the freedom of another to move about in a lawful manner.

36. Knowingly providing false statements during any proceeding or taking any action which interferes with or obstructs any College administrative process.

37. Conspiracy to commit violation of any of the above or aiding, abetting, assisting, hiring, soliciting, or procuring another in the violation of any of the above.

38. Video or audio recording of classes or labs that are not authorized under this Procedure or consented to by those recorded. Only a recording of a lecture, for personal educational use or in connection with a complaint, are allowed without prior permission of the lecturer. Recordings of testing, student speech or presentations, and portions of a class other than a lecture by faculty, including capturing the images or voices of other students, are prohibited without prior consent of those involved.

39. Publishing a recording of a lecture made in a classroom without the lecturer's consent.

In cases in which there has been a violation of law against the College or any of its officials, legal action may also be brought against the offender.

II. Student organizations are also prohibited from engaging in the conduct listed in I. above. Violations of this College Procedure by a student organization could result in the rescission of the authority for such organization to operate on College property or under the sanction of the College.

III. This section of the Procedure is implemented in recognition of the fact that there are circumstances in which the College administration needs to act expeditiously in order to provide a reasonable safe academic and work environment.

Student disciplinary action shall be imposed in accordance with College Procedure P6Hx23-4.35, however, a student may be immediately suspended from classes and/or from the College and its grounds and premises under this Procedure

and upon recommendation of the student's campus/center associate provost or designee, upon approval of the provost or designee, or upon approval of the President or designee when one or more of the following circumstances exist:

1. A student is reasonably suspected of threatening and/or causing physical harm to a student, instructor and/or staff member and/or their property or property of the College.

2. A student is reasonably suspected of violating Sub Paragraphs 14, 16, 18, 20, 22, 23, 27 and 35 of Paragraph I. of this Procedure.

   The associate provost or designee will conduct an expedited investigation of the alleged violation and attempt to meet with the student to present notice of the charges, and, as may be feasible in the situation, providing an opportunity for the student to respond to such charges. If a meeting is not feasible due a serious campus safety or security concern, the student may be afforded an opportunity to provide any written evidence to the appointed campus administrator in lieu of a meeting.

   Any student suspended pursuant to the foregoing shall be notified of the suspension by letter, either by personal delivery or by regular mail to the student's last known address.

   The suspension letter shall include a time certain for which the suspension is in force, and details concerning the method by which the student can apply for readmission at the conclusion of the suspension time period. The letter of notice shall further provide the student with an opportunity to request a disciplinary review pursuant to the College's Disciplinary Procedure, P6Hx23-4.35, to be arranged in an expedited fashion. The student shall have no more than three school days from the actual notice of immediate suspension to notify the associate provost of the request. If the student does not timely request a disciplinary review on the matter, such right is waived. Under this section, the College reserves the right to impose additional disciplinary action as may be warranted in accordance with this Procedure. As deemed necessary by the associate provost or designee, the suspension shall remain in place during the duration of any review and proceedings.

   On sites where there is no provost and/or associate provost, the President shall designate the person(s) to undertake the duties of the provost and/or associate provost under this College Procedure.

History: Filed – 7/28/21. Effective – 7/28/21.

Student Grievances and Appeals

6Hx23-4.36   STUDENT GRIEVANCES AND APPEALS

   I.   Student Grievances and Appeals

      A.   A student may bring a grievance alleging that his or her rights have been abridged by any alleged arbitrary or capricious action or decision as delineated below. The term "arbitrary or capricious" means without rational basis, or done in bad faith or constitutes disparate treatment and/or based on unlawful discrimination. The following may constitute the basis for a student grievance or appeal:

         1.   a violation of Rules and/or Procedures of the College;

         2.   an arbitrary or capricious action in relation to an improper denial of admission or readmission to the College or program of the College;

         3.   an academic matter which may be grieved as an appeal and may be filed for an individual determination concerning matters relating to any of the following:

            a. award of a final grade

            b. belated and involuntary withdrawals;

            c. deviations from graduation requirements;

            d. changes from audit to credit.

      B.   Appeals to exclude coursework from grade point average calculations shall be considered in accordance with Rule 6Hx23-4.15.

      C.   Appeals relating to a student's access to courses and credit granted towards his/her degree may be

brought under Rule 6Hx23-4.362, Student Ombudsman Office, and pursuant to related procedures as outlined in P6Hx23-4.362.

    II.   Student grievances and appeals may be timely brought forward for resolution in accordance with this Rule and College policy, and as outlined in its accompanying procedure.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64(4)(a) & (b), 1001.64(8), F.S.
History: Filed – 11/15/11. Effective – 11/15/11.

P6Hx23-4.36   PROCEDURE: STUDENT GRIEVANCES AND APPEALS

Pursuant to Rule 6Hx23-4.36, a student may grieve or appeal certain determinations made and actions taken by the College. This Procedure outlines the grievance/appeal process for the matters listed in Section I. A. of Rule 6Hx23-4.36.

A.   Grievance/appeal process for matters lodged in the Associate Provost's Office

    A.   The following matters may be lodged in the Associate Provost's Office:

        1.   College determination that the student has violated a College Rule or Procedure.

        2.   College determination relating to the student's admission or readmission to the College.

        3.   College's withdrawal of a student from a course or a program for non-academic reasons.

    B.   Time Limitations

A grievance or appeal should be promptly presented, which is defined here as within 60 days of the alleged abridgement of the student's rights. Failure to bring a grievance or appeal within 60 days of the alleged abridgment constitutes a waiver of the student's right to lodge that grievance or appeal.

    C.   Grievance/Appeal Form

The student must timely submit an appropriately completed appeal form to the Associate Provost's office at the site where the alleged abridgement of the student's rights took place, stating the reasons and grounds for the appeal. If the reasons and/or grounds presented by the student are unclear, the Associate Provost may seek clarification and/or supplemental documentation from the student.

    D.   Associate Provost's Review and Decision

The Associate Provost's review will include a thorough investigation of all pertinent facts, including evidence presented by the student. The Associate Provost will provide a decision in writing to the student within 10 working days of the day the matter was lodged. This time period may be extended by the Provost in the event of extenuating circumstances.

    E.   Appeal of the Associate Provost's Decision

The student may appeal the Associate Provost's decision by submitting the appeal in writing to the Provost. This must be done within 10 working days of the delivery of the Associate Provost's decision.

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    F.   Provost's Review and Decision

The Provost will review the Associate Provost's decision, including the basis upon which the Associate Provost's decision was made. The Provost will provide a decision in writing to the student within 10 working days, or in the case of extenuating circumstances, as soon thereafter as possible. The decision of the Provost is final.

II.   Grievance/appeal process for matters lodged in the Dean's Office.

    A.   The following matters may be lodged in the Dean's Office:

        1.   Award of a final grade and/or related academic matters.

        2.   Student's request to change from audit to credit.

        3.   Student's request for a fourth attempt in a course as defined in College Procedure P6Hx23-4.15.

B. Time Limitations

A student must present an academic appeal within 60 days of the beginning of the next subsequent academic session. The appeal will not be heard if it is not filed within this time period.

C. Informal Resolution

1. The student must follow any academic procedure/rule/or process prior to commencing an Informal Resolution. If an academic department of the College has a special published procedure designed to be utilized by the student for resolutions of issues covered by this procedure, then the student will be expected to follow the department's procedure, before commencing the informal resolution process.

2. In the case of an appeal of a final course grade, before pursuing a formal written appeal, the student must first attempt to resolve the issue directly with the course faculty. If it is the course faculty's decision to change a grade, the course faculty must promptly notify the appropriate person to initiate the process in accordance with college policy and procedures. Whatever the decision, the course faculty must notify the student and the program administrator/dean within 7 working days of the decision. This time period may be extended by the Dean/program administrator or designee in the event of extenuating circumstances. To the degree permitted by law, all informal appeals shall be kept private, except as required by the completion of the informal resolution process.

D. Formal Resolution – Referral to Student Academic Appeals Committee

1. If after informal resolution is attempted the student's appeal remains unresolved to the student's satisfaction, the student may seek a formal resolution by appealing the final grade to the appropriate program administrator/dean. When the grievant requests a change of the final course grade, the burden of proving that the final grade assigned by the course faculty was improper, arbitrary or capricious shall be upon the grievant.

2. The student will complete and submit to the Dean/program administrator the appropriate appeal form within 10 working days of the informal resolution notification. If the information provided on the form is unclear, the Dean or program administrator may ask for clarification or additional materials. The Dean/program administrator will refer this appeal to the Student Academic Appeals Committee and notify all parties within 7 working days.

3. The Dean/program administrator will provide to the Committee and all interested copies of all pertinent materials. A hearing will be scheduled by the Chair of the Committee. Committee members must not be associated with the situation being presented. Using the Instructions to the Committee, the chairperson will prepare the Committee for the appeal. During the periods when the College is not in session, substitute personnel maybe be appointed by the appropriate dean or program administrator.

4. The Committee shall assemble for the hearing within 15 working days after receipt for the appeal or supplement, if any. The chairperson may extend the time for the hearing for extenuating circumstances. It shall be the duty of the chairperson of Committee to notify the persons directly involved of the time and place for the hearing.

5. The Committee's decision shall be by majority vote and shall be based upon the evidence presented. Committee members may ask questions of the person directly involved and the witness(es) (if there are any). The hearing is intended to be informal and without application of any strict rules of evidence and any evidence which a reasonable person would rely upon may be accepted.

6. The grievant and the other party may, at their own expense, employ an attorney to be present, assist and counsel them. However, the attorney shall not directly participate in the hearing.

7. The chairperson shall be responsible for making arrangements for electronic recording of the Committee hearing. However, the deliberations for the Committee shall not be recorded. If the Committee's decision is appealed, the chairperson shall be responsible for providing a summary of the meeting. Should the student desire a copy of the summary, the student shall be entitled to a copy at her/his expense.

E. Formal Resolution – Student Academic Appeals Committee Responsibilities

1. In advance of meeting the committee chairperson shall consult with each member of the Committee regarding their responsibility to be fair and unbiased.

2. The chairperson shall schedule the hearing, give the persons directly involved notice of the hearing and furnish all of the parties with a copy of the grievant's written appeal. The Notice of Hearing shall advise the parties of their right to testify, offer documentary evidence, witnesses and the right of cross-examination. The chairperson shall furnish the parties with a copy of this Procedure. The grievant shall present his/her case first. The faculty will then respond to the grievant's presentation. The parties are responsible for assuring the attendance of their respective witnesses. (The Committee has no subpoena power.)

3. The chairperson shall instruct all witnesses (except the parties) to wait outside of the hearing room and not discuss the case with the other witnesses during the course of the hearing. Witnesses will be called into the hearing room when the party offering their testimony is ready to offer the witnesses testimony. The parties, however, may discuss the case with the witnesses during recesses of the hearing.

4. The chairperson shall make rulings regarding hearing procedures, time allowed for presentations, admission of evidence, the limiting of cumulative evidence and/or witnesses and make such other rulings as otherwise may be necessary or appropriate.

5. The chairperson may grant a continuance only in the event of extenuating circumstances.

6. When the grievant requests a change of the final course grade, the burden of proving that the final grade assigned by the course faculty was improper, arbitrary or capricious shall be upon the grievant. The Committee shall consider procedural and substantive matters and concerns and shall take such action as is deemed by the Committee to be in the best interests of all concerned.

7. At any point in the proceedings prior to the time when the Committee meets to consider its decision, the grievant(s) may withdraw the appeal by so informing the chairperson in writing.

8. The Committee shall record its decision in writing (decision letter), within 5 working days after the conclusion of the proceedings. The Committee chairman shall mail a copy of the decision letter to the student at the student's last known address and to the faculty member.

F. Final Appeal

1. The parties directly involved have the right to appeal the Committee's decision. The appeal must be filed with the Dean/Program Administrator or designee within 10 calendar days after the date of the decision letter from the Committee. Failure to file an appeal with the Dean/Program Administrator or designee within the 10 days after the date of the decision letter shall constitute a waiver and bar of the parties' rights.

2. The Dean or designee shall provide the parties with a written decision regarding the appeal within 10 working days. This is the final step in the appeal process. The decision is of the dean or designee is final.

G. Committee Structure and Membership

The Dean/program administrator will appoint a Student Academic Appeals Committee consisting of two faculty, two students and one administrator who will serve as chair. These appointees may be from a campus other than where the matter took place. Committee members must not be associated with the situation being presented.

SPECIAL NOTE FOR GRADE APPEALS: The student grievant shall have the burden of demonstrating that the grade given was arbitrary and/or capricious. For the purpose of this provision, a grade shall be limited to grades of "A", "B", "C", "D", "F" or "WF". Except when the grade given was arbitrary and/or capricious, it is not appropriate for the Committee to substitute its judgment for matters within the instructor's professional judgment or discretion. If the grade given was not arbitrary and/or capricious, and is within the judgment and discretion of the instructor, the grade must be affirmed. If the grade given is arbitrary and/or capricious the Committee may recommend a change of grade subject to the appeal rights of the instructor and student through a timely appeal to the Dean. Failure to timely appeal as provided for hereinafter shall cause the Committee's recommended decision to be final.

III. Definitions

A. A "grievance and/or appeal" is defined for the application of this Procedure to be a complaint, other than a discrimination grievance which would include sexual harassment, alleging that a student's (grievant's) rights have been abridged.

B. A "grievant" must be a student of the College and is the person making the complaint.

C. "Other party" is the College person(s) or condition against whom the complaint is filed.

D. "Person directly involved" means the grievant(s), and the other party to the grievance.

E. "Working days" include Mondays, Tuesdays, Wednesdays, Thursdays and Fridays and shall exclude Saturdays, Sundays, and Board of Trustees' approved holidays.

F. "Calendar days" include all days on the calendar including Board of Trustees' approved holidays.

G. "Arbitrary or Capricious" means a determination or action done without rational basis, or done in bad faith, or that it constituted disparate treatment, or that it was based on unlawful discrimination.

History: Filed – 7/21/14. Effective – 7/21/14.

Student Records

6Hx23-4.37   STUDENT RECORDS

The purpose of this Rule is to protect the rights of students and their parents or guardians with respect to student records created, maintained, and used by the College. The President or his designee is the person at St. Petersburg College responsible to establish procedures to manage and safeguard student educational records and directory information in accordance with applicable federal and state law.

Specific Authority: 1001.64 (2) & (4), F.S.
Law Implemented: 1001.64(4); 1002.225, F.S.; Family Educational Rights & Privacy Act of 1974, as amended; 20 U.S.C. 1232g.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.37   PROCEDURE: STUDENT RECORDS

I. Definitions:

A. A "Student" is any person for whom the College maintains educational records or personally identifiable information, but does not include a person who has not been in attendance at the College.

B. "Student Records" means any and all official records, files, and data directly related to students which are created, maintained, and used by the College, including all material that is incorporated into each student's permanent record and intended for College use or to be available to parties outside the College for legitimate educational or research purposes. However, the term "student records" shall not include:

1. Records of instructional personnel in the sole possession of the maker thereof and which are not accessible or revealed to any other individual except a substitute;

2. Employment records;

3. Directory information or

4. Records created and maintained solely by Campus Security for law enforcement and security purposes.

C. The protection of student records under the Family Education Rights and Privacy Act (FERPA) begins at the point the student enrolls for classes at SPC, whereupon a student is considered "in attendance" whether instruction is in person or by paper correspondence, videoconference, satellite, Internet, or through other electronic information and telecommunication technologies for students who are not physically present in the classroom.

D. "Directory Information" shall include:

1. Names and dates of attendance of students;

2. Names of recipients of degrees conferred or to be conferred;

3. Names of recipients of honors or special awards; and

4. Weight and height of athletic team members.

5. Student addresses for use by the College's Foundation and Alumni Association upon review by the President's Cabinet and the approval of the President.

6. See Section V.D. 8 for additional information related to armed forces and the disclosure of student recruiting information.

7. Student addresses, of students who have applied for graduation, may be provided to Florida public universities and independent colleges and universities of Florida.

8. Student addresses upon the request of a local, State or Federal law enforcement agency.

II. Student's Request for Non-Release of Directory Information

A student may request in writing that all or a portion of such directory information not be released. Where a student makes such a request the directive that directory information not be released will continue beyond the period of attendance and graduation unless revoked. However, directory information gathered after attendance, such as records related to student alumni information, may be released in the absence of a specific request to not release. Notification of a student's rights, as well as procedures related to non-disclosure, shall be provided on an annual basis.

III. Rights of Students, Parents, and Guardians

The rights involved in student records (e.g., right of access and right of privacy) are normally the rights of the student only. Once a student turns 18 or is enrolled in a post-secondary program, parents no longer have these rights unless: (1) the student gives written consent to release information to the parent; or (2) the parent provides evidence that the parent claims the student as a dependent as defined in Section 152 of the Internal Revenue Code. Dependency claims using Section 152 of the Internal Revenue Code shall be directed to the director of Admissions and Records.

The rights of a student include:

A. Right of Access

1. A student has the right, upon request directed to the College registrar, to be provided with a list of the types of records, directly relating to the student, maintained by the College and with a copy of this Rule.

2. A student has the right, upon request, to be shown any record relating to the student maintained by the College, except the financial records of a parent. The student's request shall be granted within 30 days after receipt of such request.

3. Copies of any record requested under this provision shall be furnished within 30 days, and the student may be assessed a fee for duplication pursuant to Rule 6Hx23-5.171.

B. Right to Waive Access to Confidential Letters or Statements

A student or a person applying for admission may waive the right of access to letters or statements of recommendation or evaluation, except that such waiver shall apply to recommendations or evaluations only if:

1. The student is, upon request, notified of the names of all persons submitting confidential letters or statements; and such recommendations or evaluations are used solely for the purpose for which they were specifically intended.

Such waivers shall not be required as a condition for admission to, receipt of financial aid from, or receipt of any other services or benefits from the College.

C. Right to Challenge and Hearing

A student has the right to challenge the content of any report to which the student is granted access under this Rule, in order to ensure that the record is not inaccurate, misleading, or otherwise in violation of the privacy or other rights of the student and to provide an opportunity for the correction of inappropriate

information.

1. Any challenge to a student record shall be considered a student grievance and shall be handled in accordance with Rule 6Hx23-4.36. Pursuant to this right, a student may challenge a grade only on the grounds it was inaccurately recorded, not as a challenge to the awarding of that grade.

2. A student who feels that the decision rendered through the grievance resolution is unacceptable, may submit explanatory statements for inclusion in the student's records.

D. Right of Privacy and Disclosure of Personally Identifiable Information in Student Records

1. A student may provide written consent to release personally identifiable information which identifies the party or class of parties to whom disclosure may be made and what information may be released. Such documentation shall be maintained by the College.

2. A student has a right of privacy with respect to the records maintained by the College on the student. The College shall not permit the release of personally identifiable records of a student, other than directory information, without the written consent of the student, to any individual, agency, or organization, except the following:

   a. Officials of other educational institutions in which the student seeks to enroll or is enrolled so long as the purpose of disclosure is related to enrollment or transfer of enrollment. Student records disclosed may include updated or corrected information, as well as disciplinary records where it is related to a student's enrollment or transfer, and a copy of such records or reports shall be furnished to the student upon request;

   b. In connection with a student's application for, or receipt of, financial aid;

   c. Accrediting organizations, in order to carry out their accrediting functions;

   d. Individuals or organizations conducting studies for the College for the purpose of developing, validating, or administering predictive tests, administering student aid programs, or improving instruction, if such studies do not permit the personal identification of students and if such information is destroyed after its use;

   e. In an emergency, where there is determined to be an articulable and significant threat to the health and safety of a student or other individuals given the totality of the circumstance, information found in student records may be disclosed to any person whose knowledge is deemed necessary in that situation. Parents may be considered the appropriate persons to receive protected information in a health and safety emergency. A record must be created and maintained outlining the basis for the disclosure, as well as the information disclosed and the names of persons receiving the disclosure;

   f. In compliance with a judicial order from a court of competent jurisdiction or to the attorney of record pursuant to a lawfully issued subpoena, upon the condition that notification of the order or subpoena is sent to the student's last known address in advance of compliance therewith;

   g. The State Auditor General in connection with his/her official functions;

   h. Other federal, state and local governmental officials as required by law; and

   i. In connection with personally identifiable information received under a community notification program about a student who is required by law to register as a sex offender.

3. All requests for release of information from the records of a student shall be incorporated into the student's records.

4. All information transferred to a third party under a.-i. above will bear the following statement: "The attached information has been forwarded to you with the understanding that it will not be released to other parties. The Family Educational Rights and Privacy Act of 1974 prohibits release of this information without the student's written consent. Please return this material to us if you are unable to comply with this condition of release."

5. College officials shall have access to all student records for legitimate educational purposes. Officials shall include employees, contractors, consultants, volunteers, or other parties to whom the institution has outsourced institutional services or functions provided the party: (a) performs an institutional

service or function for which the College would otherwise use employees; (b) is under the direct control of the College with respect to the use and maintenance of student records; and (c) is subject to the College's policy governing the use and re-disclosure of information from student records.

6. In the case where a student is under the age of 21 and such student was found to have violated the College's Code of Conduct relating to alcohol and/or a controlled substance, and where it is also a violation of federal, state or local law, and where it has been determined that the student's behavior demonstrates a health or safety risk to him or herself, or to others, the College may release to the student's parent(s) those portions of student records that relate to the violation.

7. Directory information may be released to the general public, upon request, unless a student has requested in writing that such information not be released.

8. In addition to directory information, the United States armed forces may be furnished with student recruitment information which shall include the dates of birth, addresses, telephone listings, levels of education, prior military experience, major fields of study, most previous educational institution enrollment, and degrees and awards of enrolled students. Student recruitment information which is included in directory information of former students may be released to a military recruiter. Where a student has requested a non-release of directory information, student recruitment information shall not be released.

9. College employees who have access to student records must report any improper requests for access to student records to their supervisors.

E. Security of Records

The President shall develop and publish procedures for the security of all student records.

F. Notification to Students

Annually, the student handbook shall inform the students of

1. Their rights as set forth in this Rule.

2. The location and availability of this Rule.

G. Request for Records

Requests for information on currently enrolled students shall be directed or referred to associate provosts or their designee, Admissions staff on each campus, or Central Records.

1. Directory information may be provided at the discretion of the campus associate provost or designee, or the vice president of Academic and Student Affairs, or Admissions staff on each campus, where a student file does not indicate that he or she has opted to block the release of directory information.

2. Information may be released outside the College where there is a written authorization for its release utilizing the College's Consent to Release form or other such documentation as may provide evidence of authorization to release, or where information is deemed releasable under the provisions of D. (2) of Section V, herein. Documentation of the release of student records under this provision must be maintained in the student's file and indicate what information has been released, to whom and the date of release.

3. Subpoenas and court orders for student records, issued by a court of competent jurisdiction, shall be served on the campus associate provost, provost or designee, college registrar, vice president of Academic and Student Affairs, who shall forward the request to the General Counsel's Office for review and processing. Said subpoenas and court orders may also be served directly on the Office of the General Counsel.

H. Requests for information on former students are processed according to the information requested and are directed or referred to Central Records.

I. The following College staff members and/or their designee(s) have authority to release information from student records to sources outside the College upon receipt of written authorization from the student and/or in accordance with the law:

President

Senior Vice President of Academic and Student Affairs
Vice President of Academic and Student Affairs
Vice President of Baccalaureate Programs & University   Partnerships
Provosts, Associate Provosts and Site Executive Officers
St. Petersburg Collegiate High School Principal
Campus Coordinator of Admissions/Registration
Managers, MySPC Answer Place (MAPS)
Associate Vice President of Enrollment Management
Associate Vice President of Financial Assistance Services
Director of Admissions and Records
Director of Financial Assistance Services
General Counsel
Director of Athletics
Director and Assistant Director of Institutional Advancement

Note: The foregoing list is subject to modification as positions are added, changed, or deleted.

It shall be the responsibility of the custodian of records to prepare and maintain records relating to the release of student record information.

J.   Retention and Destruction of Records

Student records shall be retained for the period(s) set forth in the General Records Schedule for Community College Records promulgated by the Department of State, Division of Library and Information Services, Records Management Program, provided, however, the student's application for admission, high school and college transcripts, evaluations of transcripts, student's grade history and diploma shall be maintained as a permanent record and retained permanently in a form permitted by law. The Office of Admissions and Records is responsible for the policies and oversight of operations regarding retention and destruction of student records.

History: Re adopted – 7/17/12. Effective – 7/17/12.

Student Fees, Transfers and Refunds

6Hx23-5.19   STUDENT FEES - TRANSFERS AND REFUNDS

I.   The Board of Trustees authorizes and directs the President to establish procedures for an approval process of 100% nonrefundable transfer of tuition fees to subsequent session for documented extenuating circumstances in accordance with College procedures.

II.   In addition, the President shall establish procedures related to refunds for the following:

A.   Tuition fees prior to the end of the drop-add period, as defined in (III) below.

B.   Tuition fees for documented extenuating circumstances to students who will be unable to attend the session due to these extenuating circumstances. Such refund is permitted between the end of the drop-add period and the last day to voluntarily withdraw from classes.

C.   Tuition fees for documented extenuating circumstances to students who will be unable to attend the session due to these circumstances and have requested the refund between the last day to voluntarily withdraw from classes and the last day of the regular session.

III.   The drop-add period for credit courses shall be designated as follows:

A.   Session I, II, III, and express session(s) courses - the dates specified in the official college calendar.

B.   Modmester courses – 1 week after the beginning date of courses scheduled to run longer than 1 week. Prior to the second class meeting for courses scheduled to run less than 1 week.

C.   Open enrollment courses – 1 week after the student's registration or the appropriate dates specified under (1) above, whichever is later.

Specific Authority: 1001.64(2) & (4), F.S.

Law Implemented: 1001.64(10), 1009.23, F.S.; Rules 6A-14.054, 6A-14.0541, F.A.C.

History: Filed – 6/19/12. Effective – 6/19/12.

P6Hx23-5.19   PROCEDURE: STUDENT FEES - TRANSFERS AND REFUNDS

    I.   Credit Courses:

        A.   Transfers will be made as follows:

The President or designee is authorized to make a 100% nonrefundable transfer of matriculation/tuition fees to the subsequent session for documented extenuating circumstances in accordance with Procedure P6Hx23-5.19. Such transfer is permitted between the end of the drop-add period, as defined in (C) below, and the last day to voluntarily withdraw from classes.

        B.   Refunds will be made as follows:

            1.   The President or designee is authorized to make a 100% refund of matriculation/tuition fees prior to the end of the drop-add period, as defined in (C) below.

            2.   The President or designee is authorized to make a 100% refund of matriculation/tuition fees for documented extenuating circumstances in accordance with Procedure P6Hx23-5.19 to students who will be unable to attend the session due to these extenuating circumstances. Such refund is permitted between the end of the drop-add period and the last day to voluntarily withdraw from classes.

            3.   The President or designated appeals committee is authorized to make a 100% refund of matriculation/tuition fees for documented extenuating circumstances in accordance with Procedure P6Hx23-5.19 to students who will be unable to attend the session due to these circumstances and have requested the refund between the last day to voluntarily withdraw from classes to the last day of the regular session.

        C.   The drop-add period for credit courses shall be designated as follows:

            1.   Session I, II, III, IV, and express session(s) courses - the dates specified in the official college calendar.

            2.   Modmester courses – 1 week after the beginning date of courses scheduled to run longer than 1 week. Prior to the second class meeting for courses scheduled to run less than 1 week.

            3.   Open enrollment courses – 1 week after the student's registration or the appropriate dates specified under (1) above, whichever is later.

        D.   Refunds to eArmy students will be made as follows:

Before class commences	100%
1—6 Days*	100%
7—13 Days*	50%
14—21 Days*	25%
22 Days or more*	0%

*for 16-week classes; days prorated for different term lengths

    II.   Non-credit courses:

The President or designee is authorized to make the following refunds:

        A.   A 100% refund for seminars and institutes (meetings for one day or several successive days) if the request is received prior to the first class meeting.

        B.   A 100% refund for non-credit classes (meeting once or twice a week for several weeks) if the request is received prior to the second class meeting.

        C.   A 100% refund of matriculation/tuition fees for documented extenuating circumstances in accordance with Procedure P6Hx23-5.19.

    III.   All registration fees will be refunded in full in cases of College error.

IV.   Application fees will be refunded in cases:

    A.   of College error;

    B.   where the class for which the applicant registered is cancelled;

    C.   where the class is full.

V.   Deduction from authorized refunds will be made for unpaid accounts due the College.

VI.   In addition, the President, upon the advice of legal counsel, may authorize a transfer or refund of student fees.

VII.   Refunds to students will be made only for fees actually paid by or on behalf of the student from a source other than financial aid.

VIII.   Refunds of $5.00 or less will be paid upon request only. When such refunds are not claimed within 1 year, the College may assess an unclaimed refund fee of $5.00 or the amount of the refund, whichever is less.

IX.   Transfers and refunds of student matriculation/tuition fees will be in accordance with the transfer and refund policy as established by the Board of Trustees. The amount owed for unpaid obligations due to the college will be deducted from the amount of the transfer or refund.

X.   The Students Fees - Transfers and Refunds Form AC 307 must be completed by the student dean or site administrator and forwarded to the district Business Office for processing of a transfer or refund.

XI.   Transfers made in accordance with BOT Rule 6Hx23-5.19 will be to the subsequent session, excluding Session III and Modmester unless the student plans to attend such session. Fees transferred to such subsequent session will be credited to the college if not utilized by the student during that session.

XII.   Acceptable documentation from a creditable third party must be submitted with Form AC 307 before a transfer or refund of fees will be approved.

XIII.   Full-Time Equivalencies (FTE's) will not be counted for reporting purposes following the transfer or refund of fees under BOT Rule 6Hx23-5.19 and this procedure.

XIV.   EXTENUATING CIRCUMSTANCES

The President or designee is authorized to transfer and refund fees beyond the deadline date as published in the college catalog in the following extenuating circumstances:

    A.   Serious illness of the student;
    B.   Serious injury to the student;
    C.   Death of the student;
    D.   Incapacitation of a close family member;
    E.   Death of a close family member; or
    F.   Orders to active military duty as a result of national, state, or local emergency.

Students desiring a transfer or refund of fees due to such circumstances should contact the Dean of Student Services or site administrator.

XV.   CREDIT COURSES

The procedure for processing the transfer or refund of credit course fees for extenuating circumstances will be as follows:

    A.   The Dean of Student Services or Center Administrator will either approve or disapprove the request of a student for a transfer or refund of fees in accordance with BOT Rule 6Hx23-5.19 and this procedure. If approval is granted, the dean of student services or center administrator should prepare Form AC 307, Student Fees - Transfers and Refunds, and forward it to district business services for processing.

    B.   If a refund or transfer is approved, the Dean of Student Services or Center Administrator will communicate the approval to the student.

C.   Transfers will be non-refundable in the subsequent session unless a refund is approved in the subsequent session pursuant to this procedure.

XVI.   NON-CREDIT COURSES

The President or his designee is authorized to refund non-credit course fees, in accordance with BOT Rule 6Hx23-5.19 II.C., in the extenuating circumstances listed in Section VI. above.

Non-credit students desiring a refund of fees due to such circumstances should contact the Dean of Open Campus.

XVII.   REFUND CHECKS - RETURNED FOR INCORRECT ADDRESS

A.   All refund checks returned for incorrect address must be returned to Accounts Payable, District Business Services.

B.   A "Request for Address Verification" should be sent to Open Campus or Business Services and the address from the last registration form should be entered on the "Request for Address Verification" form and returned to Accounts Payable.

C.   If the original address and the verified address are different then the verified address should be used and the refund check re-mailed.

D.   If the original address and verified address are the same then the check should be cancelled and entered into unclaimed checks accounts.

History: Filed – 6/19/12. Effective – 6/19/12.

Students, Admission, Programs and Activities

6Hx23-4.01   STUDENTS, ADMISSION, PROGRAMS, AND ACTIVITIES - GENERAL

The Board of Trustees authorize and directs the President, or his or her designee, to establish procedures for the orderly implementation of general admission policies of the College as provided in the Board of Trustees' Rules. Admissions policies and modifications to such policies shall be reviewed on an ongoing basis by the administration and as directed by the President, and in accordance with all pertinent state and federal law.

Specific and detailed requirements for the admission of students to the College and specific programs, as approved by the Board of Trustees, shall be published in the College catalog, including Rules for the acceptance of students not meeting all general requirements.

Specific Authority: 1001.64(2) & (4), F.S.

Law Implemented: 1001.64 (5), (6), (7) & 8, 1001.02, 1001.03, 1004.73, 1006.33, 1007.263, F.S.; Rules 6A-10.030, 6A-19.001, 6A-19.002, F.A.C.; Title VI of Civil Rights Act of 1964; Title IX, Education Amendments of 1972; Section 504, Rehabilitation Act of 1973, as amended; Americans with Disabilities Act of 1991, as amended; Age Discrimination Act of 1975.

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.01   PROCEDURE: STUDENTS, ADMISSION, PROGRAMS, & ACTIVITIES – GENERAL

The College shall treat students in accordance with the State Board of Education Rule 6A-19.002.

This Rule describes the general admission policies of the College but must be read in conjunction with Board Rule 6Hx23-4.02 Admission Requirements.

I.   Admissions policies and modifications to those policies are reviewed on an ongoing basis by the Academic and Student Affairs Council, Provost's Council and the President's Cabinet.

II.   Specific and detailed definitions of Rules for admission of students to the College, as approved by the Board of Trustees, shall be published in the College catalog and the upper-division supplement to the College catalog, including Rules for the acceptance of students not meeting all general requirements.

III.   In order to maintain the College ideals of scholarship and deportment, the right is reserved to deny admission to applicants for any reason which is deemed to be in the best interest of the College.

IV.   It is the policy of the College to provide equal access to and equal opportunity within all College programs and activities including admissions, without regard to race, color, religion, marital status, national origin, sex, age or disability. It is also the responsibility of the College to establish policies which identify and examine qualitative measures of College climate, support services, and extra-curricular services in an effort to clearly identify students with reasonable potential for success.

A.   The College recognizes that sexual harassment constitutes discrimination on the basis of sex and violates this Rule and the College shall not tolerate such conduct. Also see Rule 6Hx23-2.011.

B.   The College will not discriminate in any services program or activity against any qualified individual with a disability. The term "qualified individual with disability" means an individual with a disability who, with or without reasonable modifications to Rules, policies or practices, the removal of architectural, communication and transportation barriers or the provision for auxiliary aids and services meets the essential eligibility requirements for the receipt of services or the participation in programs or activities provided by the College. Except when undue hardship exists or where accommodation would result in a fundamental alteration of a program(s), the College shall endeavor to provide accommodation for such services, programs and activities to any qualified individual with a disability in accordance with the Americans with Disabilities Act of 1990, Sections 504 and 505 and the Rehabilitation Act of 1973 and related regulations.

1.   College Rules, Procedures, requirements and practices may be modified or waived when necessary and appropriate to meet the requirements of Paragraph IV.B. above.

2.   The College shall develop a procedure and/or guidelines for a qualified student with a disability who requests reasonable accommodation.

3.   Disabled students who are not satisfied with the accommodations made hereunder may pursue a grievance in accordance with Rule and Procedure 6Hx23-1.34.

C.   Discrimination grievances shall be processed in accordance with Rule 6Hx23-1.34.

V.   A. College employees shall recognize that Florida law requires the College to reasonably accommodate the religious observances, practices, and beliefs of individual students in regard to admissions, class attendance, and the scheduling of examinations and work assignments.

B.   Religious accommodation includes respect for individual religious beliefs and tolerance of religious differences. Thus, students in the classroom shall not be subjected to harassment or ridicule on the basis of their religious beliefs.

C.   Accommodations under A. or B. above shall be made between the individual student and the appropriate member of the faculty or staff.

1.   Such accommodation shall provide reasonable alternative means for students to carry out their responsibilities as students.

2.   Students must notify instructors in advance of absences to observe religious holy days in their own faith. Such absences shall be permitted without penalty.

3.   Students are responsible for material covered during absences under this Rule, but will be given a reasonable period of time in which to complete makeup assignments after such absences.

4.   Whenever practicable, major class assignments, major examinations, and official ceremonies shall be scheduled at times which do not conflict with major religious holy days.

D.   Students who are not satisfied with the accommodation made hereunder may pursue a grievance in accordance with Rule and Procedure 6Hx23-1.34.

VI.   Each student, by the act of registering, pledges to accept and obey the rules and regulations of the College.

VII.   Any person whose past actions have been found to have disrupted or interfered with the orderly conduct, processes, functions, or programs of any other school, university, college or community college may be denied admission by the President.

VIII.   Failure to pay fees on or before the designated due date will result in the student being dropped from all

classes.

    IX.   Audit students are enrolled in credit courses for informational instruction only. Audit courses carry no credit.

    X.   For specific requirements for admission to Bachelor's degree in Education Programs at St. Petersburg College, see BOT Rule 6Hx23-4.72.

    XI.   For specific requirements for admission to other bachelor degree programs at St. Petersburg College, see BOT Rule 6Hx23-4.02.

History: Adopted 5/21/01. Filed – 5/21/01. Effective – 5/21/01; 7/17/12. Filed – 7/17/12. Effective – 7/17/12.

Testing of Students

6Hx23-4.45   TESTING OF STUDENTS

The College offers the Common Placement Test (CPT) to assist students and advisors in selecting the appropriate introductory mathematics and communications courses. CPT scores are used to demonstrate readiness to perform college level work, and for placement as determined by the rules of the Florida Department of Education (State Board of Education Rule 6A-10.0315).

The Board authorizes the President, or his or her designee, to establish procedures regarding the testing and placement of students in furtherance of these policies. In addition, the following policy shall be implemented:

    I.   Students who have entered 9th grade in a Florida public school in the 2003-2004 school year, or any year thereafter, and earned a Florida standard high school diploma, or a student who is serving as an active duty member of any branch of the United States Armed Services, shall not be required to take the Common Placement Test and shall not be required to enroll in developmental education instruction. However, a student who is not required to take the CPT and is not required to enroll in developmental education under this paragraph may opt to be assessed and to enroll in developmental education instruction.

    II.   Students who have taken the Common Placement Test and whose score on the test indicates a need for developmental education shall be advised of all available educational options and, after advisement, shall be allowed to enroll in the developmental education option of his or her choice.

Specific Authority: 100.64(2) & (4) F.S.
Law Implemented: 1001.64(4) & (8), 1001.02, 1001.03, 1007.263, 1008.30, F.S.; Rules 6A-10.0315 and 6A-10.0311, F.A.C.

History: Filed – 11/19/13. Effective – 11/19/13.

Withdrawal

6Hx23-4.31 WITHDRAWAL

The Board of Trustees shall authorize and direct the President to establish a process and procedures causing students to be apprised of their progress prior to the voluntary withdrawal deadline, and to establish policies concerning voluntary and involuntary withdrawals from courses during the semester, as well as procedures for requesting reinstatements and the process for a complete withdrawal from the College.

Specific Authority: 1001.64(2) & (4), F.S.
Law Implemented: 1001.64 (6), (7) & (8), 1004.68, F.S.; SBE Rule 6A-14.0301, F.A.C.; 34 CFR 668, Return of Title IV Funds

History: Filed – 7/17/12. Effective – 7/17/12.

P6Hx23-4.31   PROCEDURE: WITHDRAWAL

    I.   WITHDRAWAL FROM THE COLLEGE

The President shall establish procedures causing students to be apprised of their progress prior to the voluntary withdrawal deadline. Students who wish to withdraw completely from the College are required to report to the academic counseling areas of their home campus or center for an exit interview. If it is not

possible for a student to come in, a request in writing that the student be withdrawn must be submitted to the associate provost.

PROCEDURE FOR COMPLETE WITHDRAWAL

A.   Admissions and registration receives a copy of the complete withdrawal from the academic counseling office.

B.   After entry of the information into the student information system, the withdrawal is posted to the student's record with the date that the withdrawal was initiated.

II.   COURSE WITHDRAWALS ARE CLASSIFIED AS FOLLOWS:

A.   INVOLUNTARY WITHDRAWAL - Students should be familiar with the instructor's attendance policy. Attendance guidelines are presented in rule 6Hx23-4.30. Students who fail to attend and participate in at least one class meeting during the first two weeks of the term will be withdrawn from the course with a grade of "W". If the instructor determines that the student is not actively participating in the course at the sixty percent period of the term, the student will receive a grade of "WF".

B.   VOLUNTARY WITHDRAWAL DURING "W" PERIOD - A student may elect to withdraw voluntarily from a course through the last day to withdraw with a final grade of "W." Students should refer to these dates in the academic calendar published in the College catalog and on the College's website.

C.   VOLUNTARY WITHDRAWAL AFTER THE "W" PERIOD – A student may elect to voluntarily withdraw from a course after the last day to withdraw with a grade of "W." Students who voluntarily withdraw after the last day to withdraw with a grade of "W" will receive a grade of "WF."

Withdrawal from an individual course without penalty will be permitted no more than two times. At the third attempt in any course the student may not receive a W, but will receive the appropriate letter grade earned based on academic performance in the course (See 6Hx23-4.451 and 6Hx23-4.15 for rules on penalties). An attempt shall be defined as each enrollment past the drop/add period in a college level or college preparatory course regardless of grade received. The three-attempt provision is intended to include any college level or college preparatory course(s) where grades of D, F, W, I or any combination thereof were earned. A fourth attempt may be allowed through the appeal process described in College Procedure P6Hx23-4.15. However, only the last grade earned in a college level course will be factored into the overall grade point average (GPA) calculation, even if the last grade is lower than a previous grade. Audit enrollments shall not count as attempts.

NOTE: ON ALL DROPS, WITHDRAWALS, AND CHANGES TO AUDIT, IF STUDENT IS UNDER VETERANS ADMINISTRATION BENEFITS AND CEASES TO BE FULL-TIME, THE NECESSARY AGENCIES MUST BE NOTIFIED.

III.   PROCEDURE FOR VOLUNTARY WITHDRAWAL FROM A COURSE

The student may withdraw from a class. A withdraw is defined as the action of dropping a class after the drop/add period for the class. Students who withdraw from a class will receive a grade of "W". A drop is defined as the action of dropping a class before or during the drop/add period for the class. Students who drop a class will have that class removed from their academic records.

IV.   ABSENCE FROM CLASS BECAUSE OF ILLNESS

A.   Any student who has to be absent from class due to illness should notify the instructor of the illness and possible duration of illness.

B.   Any illness or injury necessitating extensive absence from class should be reported to the associate provost. The associate provost will then notify the instructors involved.

C.   Any further action required (e.g., make-up work, etc.) must be arranged by the student with each instructor.

V.   PROCEDURE FOR INSTRUCTOR INVOLUNTARY WITHDRAWAL OF A STUDENT FROM A COURSE

A.   It will be the responsibility of each instructor to insure that all students are informed in writing of the class attendance and excessive absence policy via the course syllabus. The instructor determines when the absences of a particular student have become "excessive." If there is any question about a student's absence, the instructor should contact the associate provost or provost for possible information concerning the particular case.

B.   The effect of absences upon grades is determined by the instructor. It is important that the student become aware of each instructor's attendance and excessive absence policy. After the end of the voluntary withdrawal period, a grade of "F" will be recorded due to violation of the instructor's attendance policy. Exceptions must be appealed via the program director to the Associate Provost, Provost or Center Administrator.

C.   For an instructor who fails to provide a syllabus or who fails to include in his/her syllabus an attendance and excessive absence policy, absences exceeding 20% of the scheduled class hours shall be considered excessive.

VI.   REINSTATEMENT OF STUDENTS

Students involuntarily withdrawn from a course for excessive absences due to illness may be reinstated at the discretion of the instructor. Any student who is not so reinstated and who wishes to appeal the involuntary withdrawal may file a student academic appeal under the provisions of BOT Rule 6Hx23 - 4.36 (II).

VII.   WITHDRAWAL FOR MILITARY SERVICE

If a student's military service obligation prevents him or her from completing a term that has already begun, the student should be referred to the Associate Provost's Office to be withdrawn from classes.

History: Filed – 7/21/14. Effective – 7/21/14.

Course Transfers

6Hx23-4.311   COURSE TRANSFERS

The program director(s) is authorized after consultation with the involved instructors to transfer a student from one course to another within the same division, after the end of the drop/add period, provided that:

I.   The transfer is determined by the program director to be educationally sound and in the best interests of the student; and

II.   The student consents to the transfer and pays any additional fees as a result of the transfer.

General Authority: 240.319(2), F.S.
Law Implemented: 240.319(3)(b), F.S. SBE Rule 6A-14.262(a), F.A.C.
History: Adopted 11/21/85; Filed 11/21/85; Effective 1/6/86 for Session II, 1985-86.

P6Hx23-4.311   PROCEDURE: COURSE TRANSFERS

Course transfers made in accordance with Board of Trustees Rule 6Hx23-4.311 must be performed within the same session.

Adopted: 7/1/86. Effective 7/8/86.

Tobacco Free College

6Hx23-1.37   TOBACCO FREE COLLEGE

This rule establishes College policy prohibiting all tobacco use at St. Petersburg College. The College is dedicated to providing a safe and healthy environment for faculty, staff, students, community and university partners, and visitors to our campuses, which includes eliminating tobacco use as part of our commitment to promoting healthy practices and choices for individuals.

Tobacco use is prohibited on all property and in all facilities owned or leased by St. Petersburg College, including all vehicles. There are no designated smoking areas on College property. Tobacco use includes all types of tobacco and tobacco-like products including smokeless tobacco and any other smokeable product including electronic cigarettes and chewing tobacco.

The Board of Trustees authorizes and directs the President to establish procedures to implement this rule which will include but not be limited to provisions for notification, signage, compliance, and enforcement.

Specific Authority:	1001.64(1) & (4), F.S.
Law Implemented:	1001.64(5); 386.201—386.2125, F.S.
History:	Filed – 6/21/16. Effective – 8/1/16.

Academic Programs

BACHELOR DEGREES, ASSOCIATE DEGREES, CERTIFICATES AND DIPLOMAS

St. Petersburg College offers many options to meet your educational needs. Consider your career goals and start planning your path today. Visit www.spcollege.edu/academics for more information. You can browse by areas of study or by degree type.

ASSOCIATE IN ARTS (A.A.) DEGREE

The Associate in Arts (A.A.) degree is the first step towards earning a bachelor's degree. Requiring thirty-six (36) credits of general education coursework, the A.A. emphasizes a Liberal Arts education and can be completed in as little as two years. The A.A. curriculum introduces students to the fundamental knowledge, skills and abilities that are the foundation for becoming informed, independent thinkers while completing the lower division course requirements necessary for transfer to their intended baccalaureate program.

Commonly referred to in Florida as the 2+2 system, students must first complete an A.A. degree in order to transfer into a baccalaureate program at a Florida public university or state college. SPC provides over 80 transfer advising pathways to guide students in preparation for their bachelor's programs, either at SPC or another Florida college or university. Transfer advising Pathways can be found at https://www.spcollege.edu/future-students/degree-options/associate-in-arts-degrees-and-transfer-plans.

ASSOCIATE IN SCIENCE (A.S.) DEGREE

An Associate in Science (A.S.) degree is a two-year degree intended to prepare students to enter the workforce immediately upon completion of the program. SPC offers over 34 dynamic A.S. programs that support employment in high-demand, competitive-pay career fields. The curriculum of an A.S. is concentrated on specialized career skills and beginning in the 2022-23 academic year and thereafter, per Florida Statute 1007.25, students entering a A.S. program must complete at least one identified core course in each of the general education subject areas (communication, mathematics, social sciences, humanities, and natural sciences) as part of the general education course requirements before a degree is awarded. A.S. degrees are also the basis for admission into related bachelor's degrees offered at SPC and other Florida State Colleges.

APPLIED TECHNOLOGY DIPLOMAS (A.T.D.)

The Applied Technology Diploma (A.T.D.) consists of a course of study that is less than 60 credit hours and leads to employment in a specific occupation. An A.T.D. may be completed for either technical credit (clock hours) or for college credit and is part of an A.S. degree.

APPLIED TECHNOLOGY CERTIFICATES (A.T.C.)

The Applied Technology Certificate (A.T.C.) consists of a course of study between 9 and 45 college credits and may consist of both upper and lower division coursework. It is designed for students who have already completed a two-year A.S. program and are seeking advanced, specialized preparation in a particular career field to supplement their A.S. degree.

CERTIFICATES

College Credit Certificates (CT) consist of college credit courses that prepare students for entry-level employment in specific career fields or for career advancement. These certificates range from 12 to 34 credits and can be completed in one year or less. College Credit Certificates are designed to be part of an A.S. degree program and are conferrable milestones while pursuing completion of an A.S. program. Occasionally, a CCC may be offered without an accompanying A.S. and completed as a stand-alone certificate.

BACHELOR OF SCIENCE (B.S.) DEGREE

SPC Bachelor of Science (B.S.) degrees have a scientific emphasis and are designed to meet workforce demands in high-needs areas. Baccalaureate programs consist of at least 120 credits of upper and lower level coursework and prepare

students for advanced positions in specialized career fields. For more information on St. Petersburg College's baccalaureate admissions requirements, refer to http://go.spcollege.edu/bachelordegrees/.

BACHELOR OF APPLIED SCIENCE (B.A.S.) DEGREE
Our Bachelor of Applied Science (B.A.S.) degrees are designed for students who have already completed an Associate in Science degree and wish to continue their undergraduate education. Students with A.A. degrees may be required to complete lower division technical work while those with A.S. degrees will complete their remaining General Education coursework as part of their baccalaureate program. For more information on St Petersburg College's baccalaureate admissions requirements, refer to http://go.spcollege.edu/bachelordegrees/.

WRITING REQUIREMENTS
State Board of Education Rule 6A-10.30 (previously Gordon Rule) requires students completing the Associate in Arts Degree to produce written work in six (6) semester hours of English coursework and six (6) semester hours of additional coursework in which the student is required to demonstrate college-level writing skills through multiple assignments.

COMPUTATION REQUIREMENTS
State Board of Education Rule 6A-10.30 (previously Gordon Rule) requires students completing the Associate in Arts Degree to complete six (6) semester hours of mathematics coursework at the level of college algebra or higher. St. Petersburg College's General Education Requirements require completion of at least 3 credits of coursework from the designated core list and an additional 3 credits from the core or elective coursework options.

FOREIGN LANGUAGE REQUIREMENTS
State Board of Education Rule 6A-10.02412 F.A.C. states that all undergraduate students who are admitted to a public university or college in Florida shall have earned 2 credits of sequential foreign language in high school or a minimum of 6 credits at the postsecondary level in one foreign language or American Sign Language.

Students graduated with an Associate in Arts degree from a public community college or university in Florida, or other upper-division transfer student, who may be admitted without meeting the foreign language requirement, must earn such credits prior to graduation from a state university or state college. Students intending to transfer to a state university should verify that institution's foreign language graduation requirement.

CIVIC LITERACY REQUIREMENT
Beginning in Fall 2018, students entering a Florida public institution as an A.A., B.S. or B.A.S. degree seeking First Time In College (FTIC) student needed to demonstrate civic literacy through either completion of a course or passing an exam. The Florida Legislature amended the statute in 2021 and 2022. State Board of Education Rule 6A-10.04213 states that undergraduate students with a catalog year of Fall 2021 or after, must demonstrate competency in civic literacy by achieving a passing score on an assessment (exam) **AND** by successfully completing a civic literacy course. The chart below identifies the requirements based on catalog year.

Initial Catalog Year	Applicable Students	Programs	Requirement
2018 – 2019 2019 – 2020	First Time in College	A.A. Baccalaureate	Pass a course OR Pass an exam
2021 – 2022	Any student under the Fall 2021 (595) Requirement Term	A.A. Baccalaureate	Pass a course AND Pass an exam
2022 – 2023	Any student under the Fall 2022 (610) Requirement Term	A.S.	Pass a course AND Pass an exam

- Effective Fall 2021, this applies to ANY student in an A.A., B.A.S. or B.S. program with a requirement term of 0595 or greater.
- Effective Fall 2022, it also applies to ANY student in an A.S. program with a Requirement Term of 0610 or greater.
- Applies to ALL students who are entering into an A.A. and baccalaureate program under the 2021-22 catalog year, regardless of prior postsecondary coursework. This includes transfer students, prior dual enrollment students and any student entering with prior postsecondary coursework.

INSTITUTIONAL REQUIREMENTS

In compliance with St. Petersburg College's Board Rule (P6Hx23-4.32) the following are graduation requirements:

- **Ethics**: All students are required to complete a minimum of 3 semester hours of a designated Ethics course (PHI 1600 or PHI 1600H) with a minimum grade of "C".
- **Computer Competency**: Computer Information literacy competency may be demonstrated by completing a skills competency test or by completion of an approved Computer Information Literacy course. No minimum credit hours are required.
- **Enhanced World View**: To provide students with an enhanced world view in light of an increasingly globalized economy, students must successfully complete at least one 3-credit course from the approved Enhanced World View (EWV) Course List as part of the general education requirements for the Associate in Arts and Associate in Science degrees.

GENERAL EDUCATION CORE DIGITAL BADGES

Florida Statute (F.S.) (s)1007.25, requires public postsecondary institutions to award students a nationally recognized digital badge upon completion of general education core courses that demonstrate career readiness, beginning with students who initially enter a postsecondary institution in fall 2022 for the 2022-2023 academic year. As of Fall 2022 there is one (1) currently identified digital badge:

Fundamentals of Written Communication
- Effective written communication is defined as the ability to communicate ideas, information, and perspectives clearly, adapting a message to different audiences and situations, and using the appropriate style to convey meaning in various written contexts.
- Students will automatically earn this digital badge upon completion of ENCX101 (i.e. ENC 1101), or a course for which ENCX101 is a prerequisite (i.e. ENC 1102), with a grade of "C" or better.

The identification and implementation of additional general education core digital badges will be under the guidance of the State Board of Education (SBOE) and the Board of Governors.

ARTICULATION AGREEMENT

General Education Agreement

State Board of Education Regulation 6A-10.024 stipulates that after a public university or community college in Florida has published its general education core curriculum, the integrity of that curriculum shall be recognized by the other public universities and community colleges. The general education curriculum shall require thirty-six (36) semester hours of communication, mathematics, social sciences, humanities, and natural sciences. Once a student has been certified by St. Petersburg College on the official transcript as having completed satisfactorily the prescribed general education core curriculum, regardless of whether the associate degree is conferred, no other state university or community college in Florida to which he or she may transfer shall require any further such general education courses.

If articulation problems should occur, students should contact the community college articulation officer at the state university they are attending or contact the associate provost on their home campus at St. Petersburg College.

Transfer Agreement

Students who graduate from an institution within the Florida College System with an Associate in Arts degree are guaranteed the following rights under the Statewide Articulation Agreement (Rule 6A-10.024, F.A.C. / BOG Articulation Resolution):

- Admission to an upper division program at a state university or Florida College System institution if it offers baccalaureate degree programs, except to limited access programs. *
- Acceptance of at least 60 semester hours by the state universities and Florida College System baccalaureate degree-granting institutions.
- Adherence to the university or college requirements and policies, based on the catalog in effect at the time the student first enters the Florida college, provided the student maintains continuous enrollment.
- Transfer of equivalent courses under the Statewide Course Numbering System.
- Acceptance by the state universities and baccalaureate degree-granting Florida College system institutions of credits earned in accelerated programs (e.g. Dual Enrollment, CLEP, Advanced Placement, International

Baccalaureate, and Advanced International Certificate of Education).
- No additional general education core or general education institutional requirements.
- Advance knowledge of selection criteria for limited access programs.
- Equal opportunity with native university students to enter limited access programs.

*Note: Students who have received an AA degree from an institution within the Florida College System are guaranteed admission with 60 semester hours into the State University System.

HOWEVER, admission into a specific program at a given university may not be assured. Additionally, some degree programs require specific lower division coursework outside of common prerequisites. Depending upon a student's course selection, the 60 hours earned in the AA will be accepted; however, not all of the credit may apply towards a student's degree program.

Some degree programs may include additional admission requirements (e.g., higher grade point average and/or higher test scores, additional courses or prerequisites, or auditions and/or portfolios). These programs are referred to as "limited access" programs in BOG Regulation 8.013.

COURSE DESCRIPTIONS
Waivers of prerequisites may be granted by deans, program directors or instructors-in-charge under certain conditions. Students who feel that they have sufficient training and / or experience to warrant an exception of the prerequisite should consult with the dean, program director or instructor-in charge involved. Please note some courses may have special fees.

FLORIDA'S STATEWIDE COURSE NUMBERING SYSTEM

Courses in this catalog are identified by prefixes and numbers that were assigned by Florida's Statewide Course Numbering System (SCNS). This numbering system is used by all public postsecondary institutions in Florida and by participating nonpublic institutions. The major purpose of this system is to facilitate the transfer of courses between participating institutions. Students and administrators can use the online SCNS to obtain course descriptions and specific information about course transfer between participating Florida institutions. This information is at the SCNS website at https://flscns.fldoe.org/.

Each participating institution controls the title, credit, and content of its own courses and recommends the first digit of the course number to indicate the level at which students normally take the course. Course prefixes and the last three digits of the course numbers are assigned by members of faculty discipline committees appointed for that purpose by the Florida Department of Education in Tallahassee. Individuals nominated to serve on these committees are selected to maintain a representative balance as to type of institution and discipline field or specialization.

The course prefix and each digit in the course number have a meaning in the SCNS. The listing of prefixes and associated courses is referred to as the "SCNS taxonomy." Descriptions of the content of courses are referred to as "statewide course profiles".

Prefix	Level Code (first digit)	Century Digit (second digit)	Decade Digit (third digit)	Unit Digit (fourth digit)	Lab Code
ENC	1	1	0	1	
English Composition	Lower (Freshman) Level at this institution	Freshman Composition	Freshman Composition Skills	Freshman Composition Skills I	No Laboratory component in this course

GENERAL RULE FOR COURSE EQUIVALENCIES

Equivalent courses at different institutions are identified by the same prefixes and same last three digits of the course number and are guaranteed to be transferable between participating institutions that offer the course, with a few exceptions, as listed below in Exceptions to the General Rule for Equivalency.

For example, 84 different public and nonpublic postsecondary institutions offer a freshman composition skills course. Each institution uses "ENC_101" to identify its freshman composition skills course. The level code is the first digit and represents the year in which students normally take the course at a specific institution. In the SCNS taxonomy, "ENC" means "English Composition," the century digit "1" represents "Freshman Composition," the decade digit "0" represents "Freshman Composition Skills," and the unit digit "1" represents "Freshman Composition Skills I."

In the sciences and certain other areas, a "C" or "L" after the course number is known as a lab indicator. The "C" represents a combined lecture and laboratory course that meets in the same place at the same time. The "L" represents a laboratory course or the laboratory part of a course, having the same prefix and course number without a lab indicator, which meets at a different time or place.

Transfer of any successfully completed course from one participating institution to another is guaranteed in cases where the course to be transferred is equivalent to one offered by the receiving institution. Equivalencies are established by the same prefix and last three digits and comparable faculty credentials at both institutions. For example, ENC 1101 is offered at a community college. The same course is offered at a state university as ENC 2101. A student who has successfully completed ENC 1101 at a Florida College System institution is guaranteed to receive transfer credit for ENC 2101 at the state university if the student transfers. The student cannot be required to take ENC 2101 again since ENC 1101 is equivalent to ENC 2101. Transfer credit must be awarded for successfully completed equivalent courses and used by the receiving institution to determine satisfaction of requirements by transfer students on the same basis as credit awarded to

the native students. It is the prerogative of the receiving institution, however, to offer transfer credit for courses successfully completed that have not been designated as equivalent.

NOTE: Credit generated at institutions on the quarter-term system may not transfer the equivalent number of credits to institutions on the semester-term system. For example, 4.0 quarter hours often transfers as 2.67 semester hours.

THE COURSE PREFIX
The course prefix is a three-letter designator for a major division of an academic discipline, subject matter area, or subcategory of knowledge. The prefix is not intended to identify the department in which a course is offered. Rather, the content of a course determines the assigned prefix to identify the course.

AUTHORITY FOR ACCEPTANCE OF EQUIVALENT COURSES
Section 1007.24(7), Florida Statutes, states:
"Any student who transfers among postsecondary institutions that are fully accredited by a regional or national accrediting agency recognized by the United States Department of Education and that participate in the statewide course numbering system shall be awarded credit by the receiving institution for courses satisfactorily completed by the student at the previous institutions. Credit shall be awarded if the courses are judged by the appropriate statewide course numbering system faculty committees representing school districts, public postsecondary educational institutions, and participating nonpublic postsecondary educational institutions to be academically equivalent to courses offered at the receiving institution, including equivalency of faculty credentials, regardless of the public or nonpublic control of the previous institution. The Department of Education shall ensure that credits to be accepted by a receiving institution are generated in courses for which the faculty possess credentials that are comparable to those required by the accrediting association of the receiving institution. The award of credit may be limited to courses that are entered in the statewide course numbering system. Credits awarded pursuant to this subsection shall satisfy institutional requirements on the same basis as credits awarded to native students."

EXCEPTIONS TO THE GENERAL RULE FOR EQUIVALENCY
Since the initial implementation of the SCNS, specific disciplines or types of courses have been excepted from the guarantee of transfer for equivalent courses. These include courses that must be evaluated individually or courses in which the student must be evaluated for mastery of skill and technique. The following courses are exceptions to the general rule for course equivalencies and may not transfer. Transferability is at the discretion of the receiving institution.

A. Courses not offered by the receiving institution.
B. For courses at non-regionally accredited institutions, courses offered prior to the established transfer date of the course in question.
C. Courses in the _900-999 series are not automatically transferable, and must be evaluated individually. These include such courses as Special Topics, Internships, Apprenticeships, Practicum, Study Abroad, Theses, and Dissertations.
D. Applied academics for adult education courses.
E. Graduate courses.
F. Internships, practicum, clinical experiences and study abroad courses with numbers other than those ranging from 900-999.
G. Applied courses in the performing arts (Art, Dance, Interior Design, Music, and Theatre) and skills courses in Criminal Justice (academy certificate courses) are not guaranteed as transferable. These courses need evidence of achievement (e.g., portfolio, audition, interview, etc.).

COURSES AT NON-REGIONALLY ACCREDITED INSTITUTIONS
The Statewide Course Numbering System makes available on its home page a report entitled "Courses at Non-regionally Accredited Institutions" that contains a comprehensive listing of all nonpublic institution courses in the SCNS inventory, as well as each course's transfer level and transfer effective date. This report is updated monthly.

Questions about the Statewide Course Numbering System and appeals regarding course credit transfer decisions should be directed to Dr. Matthew Liao-Troth, Vice President of Academic and Student Affairs at St. Petersburg College, EpiCenter, or the Florida Department of Education, Office of Articulation, 1401 Turlington Building, Tallahassee, Florida 32399-0400. Special reports and technical information may be requested by calling the Statewide Course Numbering System office at (850) 245-0427 or via the internet.

PROGRAM OF STUDY
- General -
Associate in Arts Degree Associate in Arts Degree
GEN-AA

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1192401010)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Joseph Leopold, Dean, Communications
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Jimmy Chang, Dean, Mathematics
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Natavia Middleton, Dean, Natural Sciences
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Joseph Smiley, Dean, Social & Behavioral Science
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Barbara Hubbard, Dean, Humanities & Fine Arts
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727-394-6011

Program Summary

This program is offered as a Fully Online program.

The General Education program at SPC introduces all students to the fundamental knowledge, skills, and abilities that are essential to study further in the major, to develop educated members of the community and the world, to provide the foundation for becoming informed, independent thinkers, who can comprehend, evaluate, and address the issues that human beings face in their personal lives, careers, and community affairs.

The Associate in Arts degree emphasizes a Liberal Arts education and is designed to transfer to a bachelor's degree at a state university or SPC. Along with classes to prepare you for your major at the four-year level, you also take at least 36 hours in general education areas.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

In addition to satisfying the General Education and Elective course requirements, students must:
-complete at least 60 college-level credits.
-complete at least 15 credits in residence (at SPC).
-earn a cumulative 2.0 GPA in all courses completed.
-earn a cumulative 2.0 GPA in all courses completed at SPC.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the A.A. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, Associate in Arts degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

AA GENERAL EDUCATION REQUIREMENTS
Communications - Composition

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AA degree.	
ENC 1101 ⅉ	Composition I	3
ENC 1101 H ⅉ	Honors Composition I	3
IDS 1106 ⅉ	Interdisciplinary Studies I: Composition I and Introduction to Humanities	6
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Communications - Literature

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required. This requirement must be completed within the first 36 credits of coursework toward the AA degree.	
	Completing IDS 1337H, LIT 2110, LIT 2110H, LIT 2120, or LIT 2120H will also satisfy the Enhanced World View Requirement.	
AML 1600 ⅉ	African-American Literature	3
AML 2010 ⅉ	American Literature I: to 1865	3
AML 2010 H ⅉ	Honors American Literature I: to 1865	3
AML 2020 ⅉ	American Literature II: 1865 To Present	3
AML 2020 H ⅉ	Honors American Literature II: 1865 to Present	3
ENC 1102 ⅉ	Composition II	3
ENC 1102 H ⅉ	Honors Composition II	3
ENL 2012 ⅉ	British Literature I (to 1800)	3
ENL 2012 H ⅉ	Honors British Literature I (To 1800)	3

ENL 2022 ⏍	British Literature II (since 1800)	3
IDS 1112 H ⏍	Honors Interdisciplinary Studies: The Modern World	6
IDS 1337 H ⏍	Honors Interdisciplinary Studies: Modern Cultures, Global Insights	6
IDS 1610 ⏍	Interdisciplinary Studies: Literature and Psychology	6
LIT 2110 ⏍	World Literature I (Ancient World Through Renaissance)	3
LIT 2110 H ⏍	Honors World Literature I (Ancient World through Renaissance)	3
LIT 2120 ⏍	World Literature II (Renaissance to the Present)	3
LIT 2120 H ⏍	Honors World Literature II (Renaissance to the Present)	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Communications - Speech

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required.	
SPC 1017 ⏍	Introduction to Speech Communication	3
SPC 1017H ⏍	Honors Introduction to Speech Communication	3
SPC 1065 ⏍	Business and Professional Speaking	3
SPC 1608 ⏍	Public Speaking	3
SPC 1608 H ⏍	Honors Public Speaking	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences - American Government

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required.	
	Completing POS 2041 or POS 2041H will satisfy the **course** component of the Civic Literacy Requirement.	
POS 2041 ⏍	American National Government	3
POS 2041 H ⏍	Honors American National Government	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences - Elective

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required.	
AMH 2020 ⏍	History of the United States II	3
AMH 2020H ⏍	Honors History of the US II	3
ANT 2000 ⏍	Introduction to Anthropology	3
ECO 2013 ⏍	Principles of Macroeconomics	3
ECO 2013H ⏍	Honors Macroeconomics	3
IDS 1610 ⏍	Interdisciplinary Studies: Literature and Psychology	6
PSY 1012 ⏍	General Psychology	3
PSY 1012 H ⏍	Honors General Psychology	3
SYG 2000 ⏍	Introductory Sociology	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts - Core

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required. Completing ARH 1000, HUM 1020 or IDS 1106 will also satisfy the Enhanced World View Requirement.	
ARH 1000 ⏷	Understanding Art	3
HUM 1020 ⏷	Introduction to Humanities	3
IDS 1106 ⏷	Interdisciplinary Studies I: Composition I and Introduction to Humanities	6
MUL 1010 ⏷	Music Appreciation	3
PHI 1010 ⏷	Introduction to Philosophy	3
PHI 1010 H ⏷	Honors Introduction to Philosophy	3
THE 2000 ⏷	Introduction to Theatre Arts	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts - Elective

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required.	
	Completing ARH 1000, HUM 2270, HUM 2270H, IDS 1337H, REL 2300 or REL2300H will also satisfy the Enhanced World View Requirement.	
ARH 2050 ⏷	Art History:Ancient to Gothic	3
ARH 2051 ⏷	Art History: Renaissance to Contemporary	3
HUM 2210 ⏷	Western Humanities:Ancient to Renaissance	3
HUM 2210 H ⏷	Honors Western Humanities: Ancient to Renaissance	3
HUM 2233 ⏷	Western Humanities:Baroque to Contemporary	3
HUM 2233 H ⏷	Honors Western Humanities:Baroque to Contemporary	3
HUM 2270 ⏷	Humanities (East-West Synthesis)	3
HUM 2270H ⏷	Honors Humanities (East-West Synthesis)	3
IDS 1112 H ⏷	Honors Interdisciplinary Studies: The Modern World	6
IDS 1337 H ⏷	Honors Interdisciplinary Studies: Modern Cultures, Global Insights	6
MUH 1110 ⏷	Introduction to Music History	3
REL 2300 ⏷	World Religions	3
REL 2300 H ⏷	Honors World Religions	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Mathematics - Core

		Credits
	Complete 3 credits from the approved coursework below. Minimum grade of "C" required.	
MAC 1105 ⏷	College Algebra	3
MAC 1114 ⏷	Trigonometry	3
MAC 1140 ⏷	Pre-Calculus Algebra	3
MAC 1147 ⏷	Pre-Calculus Algebra/Trigonometry	5
MAC 2233 ⏷	Applied Calculus I	3

MAC 2311 ⬒	Calculus with Analytic Geometry I	5
MAC 2311H ⬒	Honors Calculus with Analytic Geometry I	5
MAC 2312 ⬒	Calculus with Analytic Geometry II	5
MGF 1106 ⬒	Mathematics for Liberal Arts I	3
MGF 1107 ⬒	Mathematics for Liberal Arts II	3
MTG 3212 ⬒	Modern Geometries	4
STA 2023 ⬒	Elementary Statistics	3
STA 2023 H ⬒	Honors Elementary Statistics	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Mathematics - Elective

Credits

	Students may complete an additional 3 credits from the Mathematics Core coursework above	
or		
	Select 3 credits from any Mathematics course with: MAC, MAP, MAS, MGF, MTG or STA prefix.	
	Minimum grade of "C" required.	
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

Credits

	Complete 3 credits from the approved coursework below. Minimum grade of "C" required.	
	Completing any course with an "L" or "C" in the number will also satisfy the Natural Sciences Laboratory requirement.	
AST 1002 ⬒	Introduction to Astronomy	3
BSC 1005 C ⬒	Biological Sciences with Lab	3
BSC 2010 ⬒	Biology I Cellular Processes	3
BSC 2010 C H ⬒	Honors Biology I Cellular Processes with Laboratory	4
BSC 2085 ⬒	Human Anatomy & Physiology I	3
CHM 2045 ⬒	General Chemistry I	3
ESC 1000 ⬒	Earth Science	3
ESC 1000 C ⬒	Earth Science	3
EVR 1001 C ⬒	Introduction to Environmental Science	3
PHY 1053 ⬒	General Physics I	3
PHY 2048 ⬒	Physics I	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Elective

Credits

	Students may complete an additional 3 credits from the Science Core coursework above	
or		

Select 3 credits from any Science course with: APB, AST, BCH, BOT, BSC, CHM, ESC, EVR, EVS, GLY, HUN, MET, MCB, OCB, OCE, PCB, PHY, PSC or ZOO prefix. Minimum grade of "C" required.

Completing any course with an "L" or "C" in the number will also satisfy the Natural Sciences Laboratory requirement.

Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Laboratory

Credits

Complete at least 1 course from the Natural Sciences coursework that includes a laboratory component. Minimum grade of "C" required.

Natural Science Laboratory courses include any "C" or "L" course with the following prefixes: APB, AST, BCH, BOT, BSC, CHM, ESC, EVR, EVS, GLY, MCB, MET, OCB, OCE, PCB, PHY, PSC or ZOO.

Total Credits		**0**

AA GENERAL EDUCATION REQUIREMENTS
Ethics

Credits

Complete 3 credits from the approved General Education Ethics coursework below. Minimum grade of "C" required.

PHI 1600 ⤓	Studies in Applied Ethics	3
PHI 1600 H ⤓	Honors Studies in Applied Ethics	3
Total Credits		**3**

AA GENERAL EDUCATION REQUIREMENTS
Computer and Information Literacy Competency

Credits

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses below. No minimum credits required.

CGS 1070 ⤓	Basic Computer and Information Literacy	1
CGS 1100 ⤓	Computer Applications	3
CGS 1309 ⤓	Computer and Information Technology Concepts	3
EME 2040 ⤓	Introduction to Educational Technology	3
MUM 1001 ⤓	Apple Macintosh Foundations	1
Total Credits		**0**

AA GENERAL EDUCATION REQUIREMENTS
Foreign Language

Credits

This degree program requires a minimum of two consecutive years of a foreign language in high school OR two semesters of a foreign language at the college level.

ASL 1140 C 📄	Basic American Sign Language with Lab	4
ASL 1150 C 📄	Intermediate American Sign Language with Lab	4
FRE 1120 📄	Elementary French I	4
FRE 1121 📄	Elementary French II	4
SPN 1120 📄	Elementary Spanish I	4
SPN 1120 H 📄	Honors Elementary Spanish I	4
SPN 1121 📄	Elementary Spanish II	4
SPN 1121 H 📄	Honors Elementary Spanish II	4
Total Credits		**0**

AA GENERAL EDUCATION REQUIREMENTS
Enhanced World View
Credits

	Complete at least one 3-credit course from the approved General Education Enhanced Worldview coursework below. This requirement is intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required.	
	Any college-level foreign language course, excluding American Sign Language, will meet this requirement.	
ARH 1000 📄	Understanding Art	3
HUM 1020 📄	Introduction to Humanities	3
HUM 2270 📄	Humanities (East-West Synthesis)	3
HUM 2270H 📄	Honors Humanities (East-West Synthesis)	3
IDS 1106 📄	Interdisciplinary Studies I: Composition I and Introduction to Humanities	6
IDS 1337 H 📄	Honors Interdisciplinary Studies: Modern Cultures, Global Insights	6
INR 2002 📄	International Relations	3
INR 2002H 📄	Honors International Relations	3
LIT 2110 📄	World Literature I (Ancient World Through Renaissance)	3
LIT 2110 H 📄	Honors World Literature I (Ancient World through Renaissance)	3
LIT 2120 📄	World Literature II (Renaissance to the Present)	3
LIT 2120 H 📄	Honors World Literature II (Renaissance to the Present)	3
REL 2300 📄	World Religions	3
REL 2300 H 📄	Honors World Religions	3
WOH 2040 📄	The Twentieth Century	3
WOH 2040H 📄	Honors The Twentieth Century	3
Total Credits		**0**

AA GENERAL EDUCATION REQUIREMENTS
Civic Literacy
Credits

	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	

POS 2041 ⬚	American National Government	3
POS 2041 H ⬚	Honors American National Government	3
AMH 2020 ⬚	History of the United States II	3
AMH 2020H ⬚	Honors History of the US II	3
Total Credits		**0**

AA GENERAL EDUCATION REQUIREMENTS **Electives**	**Credits**
Complete 24 credits to satisfy the 60 credit requirement for the Associate of Arts degree. The college-level course (credits) used to satisfy the Computer and Information Literacy Requirement and Foreign Language Requirement will be counted as Elective credits. The college-level course (credits) used to satisfy the Enhanced World View requirement and Civic Literacy requirement will be counted as Elective credits UNLESS counted in another General Education Requirement.	
Total Credits	**24**

Total Credits	**60**

PROGRAM OF STUDY
College of Business
Accounting Technology Operations Certificate with Financial Aid Eligibility
ACTAP-CT

Effective Catalog Term: Fall 2017 (0535) through Present (CIP# 0552030203)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

<u>Program Leadership Information</u>
Dr. John Duff, Acting Dean, College of Business
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<u>Program Summary</u>
This program is offered as a Fully Online program.

This certificate is designed to prepare students for employment in the field of accounting in a business environment. The certificate prepares individuals in the principles, procedures, and theories of organizing and maintaining business and financial records and the preparation of accompanying financial reports in both a manual or computer-automated environment. These courses will apply toward the Accounting sub plan in the Business Administration A.S. degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the <u>recommended Academic Pathway</u>.

If you have already started the program, click here for the <u>archived Academic Pathways</u>.

Please verify the Academic Pathway lists your correct starting semester.

<u>Job-Related Opportunities</u>
• Accounting Clerk
• Bookkeeper
• Small Business Accounts Receivable/Accounts Payable Professional

<u>Admission Requirements</u>
There are no admissions requirements for this program.

<u>Graduation Requirements</u>
Complete all courses with C or better.

MAJOR CORE COURSES		Credits
ACG 2021	Financial Accounting	3
ACG 2071	Managerial Accounting	3

ACG 2450 **1** 🗎	Accounting Software Applications	3
CGS 1100 **2** 🗎	Computer Applications	3
GEB 1011 🗎	Introduction to Business	3
GEB 2940 🗎	Business Internship	3
Total Credits		**18**

Total Credits	**18**

1ACG2450 Uses QuickBooks Accounting Software. Completion of the course allows the student to sit for the QuickBooks Certification Exam.
2CGS1100 is a pre-req to ACG2450

Notes

Fully Online

PID 692

PROGRAM OF STUDY
Social and Behavioral Sciences Department
Addiction Studies Certificate with Financial Aid Eligibility
ADS-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0451150100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Joseph Smiley, Dean, Social/Behavioral Science & Human Services
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727-712-5851

Program Summary

This program will prepare students for entry level work in the field of alcohol and substance abuse prevention and/or addiction treatment. The Human Services Program is a Single-Source Provider with the Florida Certification Board (FCB). The coursework in this Certificate satisfies the content specific training requirements for the Certified Addiction Counselor (CAC) examination, the Certified Addiction Professional (CAP) examination, and the Certified Behavioral Health Technician (CBHT) through the FCB. There are additional requirements to quality for these examinations (i.e., work experience). See the FCB website for details www.flcertificationboard.org or contact the Program Director.

These courses will apply toward the AS degree in Social and Human Services – Addiction Studies sub plan.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

• Behavioral Health Technician
• Drug Treatment Counselor Aide
• Substance Abuse Technician
• Residential or Group Home Worker
• Program Supervisor or Program Director (with CAP certification)

Graduation Requirements

Minimum grade of "C" required in all courses.

MAJOR CORE COURSES Grade of "C" or better in each of these courses		Credits
SYG 2324 ⅃	Principles of Substance Abuse	3
HUS 1431 ⅃	Issues in Addiction Prevention	2

HUS 1450	Dual Diagnosis I	2
HUS 1480	HIV/AIDS & Drug Crisis	2
HUS 2200	Dynamics of Groups and Group Counseling	3
HUS 2302	Basic Counseling Skills	3
HUS 2428	Treatment and Resources in Substance Abuse	3

HUS 2420	Evaluation of Treatment Environments	3
or		
HUS 2421	Methods for Identification and Intervention in Substance Abuse	3

HUS 2949	Co-op Work Experience in Human Services	3
Total Credits		**24**

Total Credits	**24**

PROGRAM OF STUDY
Engineering and Building Arts Department
Building Design and Construction Management Associate in Science
ARCH-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1604090100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Natavia Middleton, Dean
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n/a

Dr. Sidney Martin, Program Director
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727-394-6203

Program Summary

A balance of practical skills and management training prepares successful AS degree candidates for careers in contractors' or architects' offices, building construction administration, or self-employment in the construction industry. The program is very flexible, allowing the student to choose electives that are most suited to their career goals. Some of the courses satisfy the requirement of the Construction Industry License Board for Continuing Education Units. Classes are conveniently offered days, evenings and weekends.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Speech

	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⬚	American National Government	3
POS 2041 H ⬚	Honors American National Government	3
AMH 2020 ⬚	History of the United States II	3
AMH 2020 H ⬚	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Natural Science (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.	
ESC 1000 C ⬚	Earth Science	3
EVR 1001 C ⬚	Introduction to Environmental Science	3
Total Credits		**3**

SUPPORT COURSES
Business (Select 9 credits)

		Credits
	Complete 9 credits of coursework with ACG, BRC, BUL, COM, ECP, ENT, ETI, FIN, GEB, LDR, MAN, MAR, QMB, REE, RMI or TAX prefix.	
Total Credits		**9**

MAJOR CORE COURSES
Complete 21 credits of Major Core Courses

		Credits
	Complete 3 credits from each of the 7 Areas below	

MAJOR CORE COURSES
Codes (Select 3 credits)

		Credits
BCN 1480 ⬚	Hurricane Resistant Design for Residential Construction	1

BCN 2068 ⬚	The A.D.A.: Primer for Contractors	1
BCN 2732 ⬚	Occupational Safety and Health (OSHA) Standards for the Construction Industry	1
BCT 1760 ⬚	Building Codes	2
Total Credits		**3**

MAJOR CORE COURSES Drawing (Select 3 credits)		Credits
BCN 1050 ⬚	Building Specifications	1
BCN 1251 C ⬚	Construction Drawing	3
BCN 1272 ⬚	Blueprint Reading	2
ETD 1320 C ⬚	Introduction to CAD	3
ETD 1340 C ⬚	AutoCAD II	3
ETD 1350 C ⬚	AutoCAD Inventor (3D modeling)	3
ETD 1390 C ⬚	Introduction to Architectural Revit	3
ETD 2392 C ⬚	Advanced Architectural Revit	3
Total Credits		**3**

MAJOR CORE COURSES Estimating (Complete 3 credits)		Credits
BCT 1770 ⬚	Construction Estimating	3
Total Credits		**3**

MAJOR CORE COURSES General (Select 3 credits)		Credits
ARC 1701 ⬚	Architectural History I	3
ARC 1702 ⬚	Architectural History II	3
Total Credits		**3**

MAJOR CORE COURSES Industry (Complete 3 credits)		Credits
TAR 1271 ⬚	Professional Practice	3
Total Credits		**3**

MAJOR CORE COURSES Materials (Select 3 credits)		Credits
ARC 2461 C ⬚	Materials and Methods of Construction I	3
BCN 1592 ⬚	Energy Efficient Building Construction for Florida's Climate	3
BCN 1596 ⬚	Environmental Technology for Building Construction	2
BCN 1597 ⬚	An Introduction to Solar Energy in Residential Construction	3
BCN 2052 ⬚	Masonry Construction Methods	1
BCN 2053 ⬚	Roofing Systems	1
BCN 2054 ⬚	Construction Surveying Methods	1
BCN 2055 ⬚	Concrete Construction Methods	1
BCN 2056 ⬚	Steel Construction Methods	1

Total Credits	3

MAJOR CORE COURSES
Work Experience (Select 3 credits)

		Credits
BCN 1940 🔺	Construction Practicum	3
BCN 2949 🔺	Co-op Work Experience	1 - 3
Total Credits		**3**

MAJOR ELECTIVE COURSES
Select 15 credits

		Credits
	Complete any courses with ARC, BCN, BCT, ETC, ETD, GIS, or TAR prefix not already completed as Major Courses.	15
	No more than 9 credits can be taken with an ETD prefix.	
Total Credits		**15**

Total Credits	**66**

PROGRAM OF STUDY
Fine Arts/Humanities Department
Audio Production and Engineering Certificate with Financial Aid Eligibility
AUDIOPE-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0610020301)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

<u>Program Leadership Information</u>

Dr. Barbara Hubbard, Dean
hubbard.barbara@spcollege.edu

Nathan Muehl, Academic Chair, SPG
muehl.nathan@spcollege.edu
(727) 341-4325

<u>Program Summary</u>

The Audio Production and Engineering Certificate prepares students for the workforce in the field of Audio Production, Audio Engineering, and Live Sound. It includes courses in Apple Mac Foundations, Digital Audio Workstations, Sound, Acoustics, Studio Recording, Critical Listening, Live Sound, and an internship experience. This program is 24 credits and is financial aid eligible. It functions as a standalone certificate leading to workforce opportunities, and it also functions as an achievement for those who continue on to complete the Music Industry/Recording Arts AS degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the <u>recommended Academic Pathway</u>.

If you have already started the program, click here for the <u>archived Academic Pathways</u>.

Please verify the Academic Pathway lists your correct starting semester.

<u>Graduation Requirements</u>

All program courses passed with C or higher.

MAJOR CORE COURSES AUDIOPE-CT		**Credits**
MUM 0001 ⅃	Music Industry Recording Arts Orientation	
MUM 1001 ⅃	Apple Macintosh Foundations	1
MUT 1001 ⅃	Fundamentals Of Music	3
MUS 1360 ⅃	Digital Audio Workstation, Sound, & Notation Software Fundamentals	3
MUS 1621 ⅃	Acoustics and Psychoacoustics	3

MUM 2600	Professional DAW Application	3
MUM 2601	Studio Recording Techniques & Music Production	3
MUM 2601 L	Studio Recording Techniques & Music Production Lab	1
MUM 1662	Live Sound Reinforcement Techniques	3
MUM 1942	Internship: Sound Engineering I	1
MUM 2609	Critical Listening: Analysis of Contemporary Production Techniques	3
Total Credits		**24**

Total Credits	**24**

PROGRAM OF STUDY
Engineering and Building Arts Department
Sustainable Construction Technology Certificate with Financial Aid Eligibility
BCNST-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary
This Certificate provides the student with the supervisory and sustainability training necessary to assist contractors and subcontractors in the construction industry.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Drafter
• Job Foreman
• Job Estimator
• Materials Purchaser
• Project Manager
• Scheduler
• Superintendent

MAJOR CORE COURSES
Complete 11 credits

		Credits
ARC 2461 C	Materials and Methods of Construction I	3
BCN 1596	Environmental Technology for Building Construction	2
BCN 1597	An Introduction to Solar Energy in Residential Construction	3
BCN 1592	Energy Efficient Building Construction for Florida's Climate	3

Total Credits		**11**

MAJOR ELECTIVE COURSES **Work Experience (Select 3 credits)**		**Credits**
BCN 1940 ⤓	Construction Practicum	3
BCN 2949 ⤓	Co-op Work Experience	1 - 3
Total Credits		**3**

MAJOR ELECTIVE COURSES **Electives (Select 5 credits)**		**Credits**
BCN 1050 ⤓	Building Specifications	1
BCN 1251 C ⤓	Construction Drawing	3
BCN 1272 ⤓	Blueprint Reading	2
BCN 2068 ⤓	The A.D.A.: Primer for Contractors	1
BCN 2732 ⤓	Occupational Safety and Health (OSHA) Standards for the Construction Industry	1
BCT 1760 ⤓	Building Codes	2
BCT 1770 ⤓	Construction Estimating	3
Total Credits		**5**

Total Credits	**19**

PROGRAM OF STUDY
Natural Science Department
Biology Bachelor of Science
BIOLOGY-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1102601011)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Natavia Middleton, Dean
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(727) 398-8288

Program Summary

The Bachelor of Science in Biology degree serves primarily to educate students for laboratory and field-related careers in the Biological sciences and as a transfer curriculum for graduate and professional schools.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

A Biology-BS degree may lead to a career in the following fields: Biotechnology, Medical and Environmental laboratories, Field Biology, Research Biology, Aquaria and Zoo Biology.

This degree also prepares students to pursue a graduate degree in Medicine, Dentistry, Pharmacy, Optometry, Physician's Assistant, Physical Therapy and Chiropractic medicine.

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

Minimum Grade of "C" required in all State Mandated and Major courses.

ADMISSIONS REQUIREMENT **60 credits with at least 15 General Education credits**	**Credits**
Note: Students should complete MAC 1147 as early as possible to ensure timely progression; this course is a Prerequisite to MAC 2311 and PHY 1053.	
Total Credits	**60**

STATE MANDATED PREREQUISITES	**Credits**

- - - - - - - - - - - - - - - **Courses listed below MUST be completed prior to admission.**	**Credits**
BSC 2010 📄 Biology I Cellular Processes	3
BSC 2010 L 📄 Biology I Cellular Processes Laboratory	1
BSC 2011 📄 Biology II Organisms & Ecology	3
BSC 2011 L 📄 Biology II Laboratory	1
CHM 2045 📄 General Chemistry I	3
CHM 2045 L 📄 General Chemistry & Qualitative Analysis Laboratory I	1
CHM 2046 📄 General Chemistry II	3
CHM 2046 L 📄 General Chemistry Laboratory II	1
_____	
MAC 2311 📄 Calculus with Analytic Geometry I	5
or	
MAC 2233 📄 Applied Calculus I	3
_____	
MAC 2312 📄 Calculus with Analytic Geometry II	5
or	
MAC 2234 📄 Applied Calculus II	3
or	
STA 2023 📄 Elementary Statistics	3
_____	
MAC 2233 & STA 2023 are recommended for students intending to take PHY 1053 & PHY 1054.	
MAC 2311 & MAC 2312 are recommended for students intending to take PHY 2048 & PHY 2049	
MAC 1147 or (MAC 1140 & MAC 1114) are required prerequisite courses for MAC 2311	

- - - - - - - - - - - - - - - **Courses listed below may be completed after admission but MUST be completed in order to graduate.**	**Credits**
CHM 2210 📄 Organic Chemistry I	3
CHM 2210 L 📄 Organic Chemistry Laboratory I	1
CHM 2211 📄 Organic Chemistry II	3
CHM 2211 L 📄 Organic Chemistry Laboratory II	1

GRADE OF "C" OR BETTER REQUIRED FOR ALL COURSES

MAJOR CORE COURSES
Major Requirements (Complete 35 credits)

		Credits
BCH 4024	Biochemistry	4
BSC 3017 **1**	Theory And Practice In The Biological Sciences	2
BSC 4931 **2**	Senior Seminar in Biology	1
PCB 3043	Ecology	3
PCB 3043 L	Ecology Lab	1
PCB 3063	Genetics	3
PCB 3063 L	Genetics Lab	1
PCB 4674	Evolutionary Biology	3
PCB 4723	Comparative Physiology	3
PCB 4723 L	Comparative Physiology Lab	1
MCB 3020	Microbiology	3
MCB 3020 L	Microbiology Lab	1
	_____	
BSC 4905 C	Undergraduate Research in Biology	1
or		
BSC 4940	Internship in Biological Sciences	1
	_____	
PHY 1053	General Physics I	3
or		
PHY 2048	Physics I	3
and		
PHY 1048 L	Physics Laboratory I	1
	_____	
PHY 1054	General Physics II	3
or		
PHY 2049	Physics II	3
and		
PHY 1049 L	Physics Laboratory II	1
Total Credits		**35**

MAJOR ELECTIVE COURSES
Major Electives (Complete 9 credit)

		Credits
	Any upper division course with a prefix of BOT, BSC, CHM, MCB, PCB, or ZOO. Courses used to satisfy other program requirements may not also be used to satisfy the Major Electives Courses requirement. **BSC 3096C and BSC 4032 will NOT satisfy this requirement.**	
ANS 3006	Introduction to Animal Science	3
ANS 3440	Principles of Animal Nutrition	3
BSC 2419 C	Cell Culture	3
GIS 2040	Introduction to Geographic Information Systems	3
HSC 3201	Community Health and Epidemiology	3
Total Credits		**9**

SUBPLAN **Select ONE subplan from below (Complete 16 credits)**	**Credits**
Total Credits	**16**

SUBPLAN CORE COURSES **Cellular & Molecular Biology (CMB) (Complete 4 credits)**	**Credits**
PCB 3023 ⅃ Cell Biology	3
PCB 3023 L ⅃ Cell Biology Laboratory	1

SUBPLAN ELECTIVE COURSES **Cellular & Molecular Biology (Complete minimum 12 credits)**	**Credits**
BSC 4422 C ⅃ Methods and Applications in Biotechnology	4
PCB 4024 ⅃ Molecular Biology	3
PCB 4233 ⅃ Immunology	3
ZOO 3733 C ⅃ Human Anatomy with Lab	4
BSC 3931 ⅃ Special Topics in Biology	1 - 2
BSC 3931 L ⅃ Special Topics in Biology Lab	1 - 2
BSC 3932 ⅃ Scientific Communication	2

SUBPLAN CORE COURSES **Ecology, Evolution & Organismal Biology (EEOB)** **(Complete 4 credits)**	**Credits**
BSC 3312 C ⅃ Marine Biology with Lab	4

SUBPLAN ELECTIVE COURSES **Ecology, Evolution & Organismal Biology (Complete minimum 12** **credits)**	**Credits**
BOT 3143 C ⅃ Field Botany With Lab	4
PCB 4454 C ⅃ Biostatistics with Lab	4
ZOO 3307 ⅃ Vertebrate Zoology	3
and	
ZOO 3307 L ⅃ Vertebrate Zoology Lab	1
ZOO 4513 ⅃ Animal Behavior	3
and	
ZOO 4513 L ⅃ Animal Behavior Lab	1
BOT 3015 ⅃ Plant Biology	3
and	
BOT 3015L ⅃ Plant Biology Lab	1
BSC 3052 ⅃ Conservation Biology	3
BSC 3931 L ⅃ Special Topics in Biology Lab	1
BSC 3931 ⅃ Special Topics in Biology	1

Total Credits	**120**

[1]BSC 3017 should be completed in first semester of program
[2]BSC 4931 should be completed in last semester of program

PROGRAM OF STUDY
Natural Science Department
Biotechnology Laboratory Technology Associate in Science
BIOT-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

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Diane Vorbroker, Faculty-in-Charge
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(727) 712-5264

Program Summary

The Associate of Science in Biotechnology degree serves primarily to directly prepare students for laboratory careers in biotechnology. In addition graduates of this program are eligible for entry into the Bachelor of Science in Biology program.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

An AS in biotechnology will prepare graduates to work safely and effectively in laboratories that utilize biotechnology and may lead to a career as a laboratory technician in academic, commercial and associated science laboratories.

The degree can also prepare students to enter the BS in Biology program.

Admission Requirements

The complete on campus program application includes the following:
a. The general college application and the $40 fee for new students at SPC.
b. Transcripts from your high school (if no college degree) and any colleges you have attended sent directly to SPC from each school.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	

Total Credits		0

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3
AMH 2020	History of the United States II	3
AMH 2020 H	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
College Algebra

		Credits
	Completion of this requirement satisfies the General Education Math Core requirement for this AS degree.	
MAC 1105	College Algebra	3
Total Credits		**3**

MAJOR CORE COURSES

		Credits
CHM 2045 **2**	General Chemistry I	3
CHM 2045 L	General Chemistry & Qualitative Analysis Laboratory I	1
CHM 2046	General Chemistry II	3
CHM 2046 L	General Chemistry Laboratory II	1
BSC 2010	Biology I Cellular Processes	3
BSC 2010 L	Biology I Cellular Processes Laboratory	1
PCB 2061 C	Applied Genetics	3
MCB 2010	Microbiology	3
MCB 2010 L	Microbiology Laboratory	1
BSC 2420	Introduction to Biotechnology	3
BSC 2435	Introduction to Bioinformatics	3
BSC 2426 C	Biotechnology Methods I	4
BSC 2427 C	Biotechnology Methods II	4
BSC 2419 C	Cell Culture	3
BSC 2931	Biotechnology Capstone	1
BSC 2940	Biology Internship	3
Total Credits		**40**

MAJOR ELECTIVE COURSES
Complete 6 credits

		Credits
BME 1008 C	Introduction to Biomedical Engineering Technology	3
BSC 1083	Human Anatomy	3

CHM 1025 **3** 📄	Introductory Chemistry	3
CHM 1025 L **3** 📄	Introductory Chemistry Lab	1
COP 1000 📄	Introduction to Computer Programming	3
COP 1044 📄	Introduction to Data Science using Python	3
ENC 2210 📄	Technical Writing	3
ETI 1030 📄	Regulatory Environment for Medical Devices	3
ETI 1110 📄	Introduction to Quality Assurance	3
ETI 1622 📄	Intro to Lean Six Sigma	3
FFP 1103 📄	Florida Incident Safety Officer	3
SPC 1608 📄	Public Speaking	3
STA 2023 📄	Elementary Statistics	3
Total Credits		**6**

Total Credits	**61**

[2]Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.
[3]Completion of CHM 1025 and CHM 1025L will account for a total of 7 credits in major electives.

PROGRAM OF STUDY
Engineering and Building Arts Department
Biomedical Engineering Technology Associate in Science
BMET-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1615040102)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Natavia Middleton, Dean

Dr. Brian Bell, Lead Instructor
bell.brian@spcollege.edu
727-791-2401

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

The Associate of Science degree in Biomedical Engineering Technology prepares students for employment in a healthcare related field in electronics. The program has a strong electronics workforce focus which includes industry tours, professional association meetings, and technical workshops by industry leaders in the manufacturing of medical technology. It is also a cross-curricular program with classes in computers, networking and biology. Students combine their knowledge and skills in electronics, computers, and biology through hands-on learning and experience. Biomedical Engineering Technology provides students a chance to work directly with equipment and in environments where they can make a difference in someone's quality of life.

There are two sub plans associated with the BMET-AS degree program: Medical Device Networking and Cybersecurity, and Medical Device Design and Manufacturing.

This program was developed with the guidance and support of an Advisory Committee that was comprised of Clinical Engineers from Bay Care Health Systems, the Bay Area Association for Advanced Medical Instrumentation (BAAMI), members of the Florida Biomedical Society, the Manufacturing Partnership, Upper Tampa bay Chamber of Commerce, and representatives of local medical device companies. The degree aligns with the Association for Advanced Medical Instrumentation (AAMI) national certification for Certified Biomedical Equipment Technician (CBET).

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Healthcare institutions and medical device companies have a growing need for skilled professionals with technical skills and an understanding of the healthcare delivery and medical device regulatory environments. Graduates of the program will have the education, skills, and credentials needed to pursue career opportunities in a variety of settings including:

• Healthcare institutions such as hospitals, clinics, health maintenance organizations, and managed care agencies;
• Companies that develop, produce, and market medical devices;
• Integrated service companies that install, manage, and service medical equipment;
• Public health and government agencies; and
• International organizations dedicated to improving healthcare in third-world and developing countries.

Employment of biomedical engineers/medical equipment repairers/biomedical equipment technicians is projected to grow 30 percent from 2012 to 2022, which is much faster than the average for all occupations. Employment growth will stem from both greater demand for healthcare services and the increasing types and complexity of the equipment these professionals manage, maintain and repair.

BMETs work in a hospital's Biomedical or Clinical Engineering areas but can also find employment with a third-party independent service organization (ISO), an original equipment manufacturer (OEM), durable medical equipment provider, or many other healthcare organizations. BMETs working for an OEM or ISO are often called Field Service Engineers (FSE).

Program Related Web Sites

http://www.bls.gov/ooh/installation-maintenance-and-repair/medical-equipment-repairers.htM

http://www.onetonline.org/link/summary/17-2031.00

Graduation Requirements

Students must complete all required general education, support, and program-related courses including field experience with a grade of a "C" or better.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits

	Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**		**Credits**
	Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**		**Credits**
	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Natural Sciences - Core**		**Credits**
	Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Computer/Information Literacy Competency**		**Credits**
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS **Enhanced World View**		**Credits**
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS **Civic Literacy**		**Credits**

Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.

POS 2041 ⏎	American National Government	3
POS 2041 H ⏎	Honors American National Government	3
AMH 2020 ⏎	History of the United States II	3
AMH 2020 H ⏎	Honors History of the US II	3
Total Credits		**0**

MAJOR CORE COURSES		Credits
BME 1008 C ⏎	Introduction to Biomedical Engineering Technology	3
EET 1084 C ⏎	Introduction to Electronics	3
BSC 1084 C ⏎	Essentials of Human Anatomy & Physiology	4
EET 1205 C ⏎	Electronic Instrumentation	1
CET 1175 C ⏎	Medical Software and Troubleshooting	2
ETS 1412 C ⏎	Managing Medical Technology	3
ETS 1407 ⏎	Survey of Medical Technology	3
ETS 2424 C ⏎	Electro-Mechanical Systems	3
ETS 2440 C ⏎	Optics and Imaging	3
BME 2930 ⏎	Special Topics in Biomedical Engineering	1
Total Credits		**26**

SUBPLAN CORE COURSES

Medical Device Networking and Cybersecurity (MDNC) (Complete 16 credits)		Credits
CET 1171 C ⏎	Computer Repair Essentials	3
CET 1172 C ⏎	Computer Support Technician	3
CNT 1000 ⏎	Local Area Network Concepts	3
ETS 2940 ⏎	BMET Work Experience	1
ETS 2450 C ⏎	Medical Device Networking	3
ETS 2470 C ⏎	Medical Device Cybersecurity	3

SUBPLAN CORE COURSES

Medical Device Design and Manufacturing (MDDM) (Complete 16 credits)		Credits
ETI 2041 C ⏎	Medical Device Design and Prototyping	3
ETS 2940 ⏎	BMET Work Experience	1
ETD 2364 C ⏎	Introduction to SolidWorks	3
ETI 1622 ⏎	Intro to Lean Six Sigma	3
ETD 2368 C ⏎	Advanced Solidworks	3
or		
ETD 2369 C ⏎	SolidWorks Applications	3
and		
ETD 2371 C ⏎	Rapid Protyping Model Design and Fabrication	3
or		

ETD 2372 C	Rapid Prototyping II-Manufacturing Methods	3

Total Credits	**60**

Engineering and Building Arts Department
Medical Equipment Repair Certificate with Financial Aid Eligibility
BMET-CT

Effective Catalog Term: Spring 2019 (0555) through Present (CIP# 0615040107)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

The Medical Equipment Repair Certificate is designed to allow students access to entry level positions in the field of medical device repair. Students will be prepared to work for Medical manufacturers, medical service providers, and consultants. This certificate focuses on the electronics and device knowledge necessary to perform basic troubleshooting and repair. Students will practice their skills in the biomedical engineering technology laboratory that includes several different types of medical devices.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

MAJOR CORE COURSES		Credits
BME 1008 C	Introduction to Biomedical Engineering Technology	3
EET 1084 C	Introduction to Electronics	3
CET 1175 C	Medical Software and Troubleshooting	2
BME 2930	Special Topics in Biomedical Engineering	1
BSC 1084 C	Essentials of Human Anatomy & Physiology	4
ETS 1407	Survey of Medical Technology	3
ETS 1412 C	Managing Medical Technology	3
ETS 2424 C	Electro-Mechanical Systems	3
EET 1205 C	Electronic Instrumentation	1
Total Credits		**23**

Total Credits	**23**

PROGRAM OF STUDY
College of Business
Business Management Certificate with Financial Aid Eligibility
BUSADM-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Acting Dean, College of Business
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Michael Ewell, Academic Department Coordinator
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727-791-2610

Program Summary

This program is offered as a Fully Online program.

The Business Management Certificate (CCC) offers a sequence of courses with relevant technical knowledge and skills needed to prepare for further education and careers in the Business Management and Administration fields. The certificate provides technical skill proficiency, which includes competency-based applied learning. The content includes but is not limited to the areas of planning, organizing, directing and controlling of a business. Emphasis is placed on selected theories of management and decision making and the knowledge and understanding necessary for managing people and functions. These courses cover skills associated in the areas of accounting, business communications, financial concepts, marketing, legal requirements and budgeting.

The business courses identified in this Certificate program will apply towards the Business Administration AS degree. After completing this certificate, students are encouraged to continue their education by completing the remaining courses in the Business Administration AS degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
 * General and Operations Managers
 * Business and Office Managers
 * Executive Staff Assistants

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of C or better on all courses.

MAJOR CORE COURSES
Complete 18 credits

		Credits
CGS 1100	Computer Applications	3
GEB 1011	Introduction to Business	3
GEB 2214	Business Communications	3
MAN 2021	Principles of Management	3
ACG 2021	Financial Accounting	3
BUL 2241	Business Law I	3
or		
BUL 2131	Legal Environment of Business	3
Total Credits		**18**

SUBPLAN
Select ONE subplan from below (Complete 6 credits)

	Credits
Total Credits	**6**

SUBPLAN CORE COURSES
Banking and Finance (BNKFIN)

		Credits
BRC 2001	Principles of Financial Services-Banking	3
FIN 2000	Principles of Finance	3
or		
BRC 2062	Introduction to Financial Markets and Money	3

SUBPLAN CORE COURSES
Management and Operations (MGMTOP)

		Credits
MAN 2604	Intercultural Relations in Business	3
MAN 2340	Supervisory Management	3
or		
MAN 2582	Introduction to Project Management	3

SUBPLAN CORE COURSES
Marketing (MRKT)

		Credits
MAR 2011	Principles of Marketing	3
MAR 2101	Social Media Marketing	3
or		
MAR 1142	Global Marketing	3

Total Credits	**24**

Notes

1) Core Required Courses listed in recommended order to be taken.
2) All courses and program can be completed fully online.

College of Business
Business Administration Associate in Science
BUS-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1552020102)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Acting Dean, College of Business
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Michael Ewell, MS, Academic Department Coordinator EPI, St Pete Gibbs
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(727)-791-2610

Program Summary

This program is offered as a Fully Online program.

This program prepares students for employment in multiple areas of general business. Students in this program will learn to communicate effectively in a business environment developing reading, writing, and speaking skills critical to functioning in this setting. Students will become comfortable making decisions and taking responsibility in multiple aspects of their working environment. All students will complete a set of foundational courses in this degree. The student will be able to select a Specialization subplan in one of the following areas: Accounting, Entrepreneurship, Financial Services, Management and Operations, Marketing or Supply Chain and Logistics, all of which are transferable to SPC's Management and Organizational Leadership BAS (MGTORG-BAS) or Sustainability Management BAS (SUSMGT-BAS) degree programs in the College of Business.

For the BS Transfer subplan, students will complete the state mandated prerequisite courses required for admission to the Business Administration BS (BUS-BS).

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

First-line supervisors
Administrative Specialist
Customer Service Supervisor
Office Manager
Credit Manager
Sales Representative
Accounts Receivable/Accounts Payable Professional

Warehouse Manager
Supply Chain Manager

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all General Education courses and all Support courses used to satisfy a General Education requirement. Minimum grade of "C" in all foundational and sub plan/specialization courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Ethics	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Natural Sciences - Core	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3
AMH 2020	History of the United States II	3
AMH 2020 H	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Computer and Information Literacy Requirement

		Credits
	Completion of this requirement satisfies the General Education Computer Competency requirement for this AS degree.	
CGS 1100	Computer Applications	3
Total Credits		**3**

MAJOR CORE COURSES
Foundational Courses

		Credits
ACG 2021	Financial Accounting	3
GEB 1011	Introduction to Business	3
GEB 2214	Business Communications	3
MAN 2021	Principles of Management	3
MAN 2604	Intercultural Relations in Business	3
BUL 2241	Business Law I	3
or		
BUL 2131	Legal Environment of Business	3
Total Credits		**18**

SUBPLAN CORE COURSES
BS Transfer (Complete 24 credits)

		Credits

This sub-plan is designed to allow the student to meet the state mandated pre-requisites for the admission requirements to the Bachelor of Science in Business Administration or the Bachelor of Applied Science in International Business.

Course	Title	Credits
ACG 2071	Managerial Accounting	3
ECO 2013	Principles of Macroeconomics	3
ECO 2023	Principles of Microeconomics	3
ENC 1102	Composition II	3
MAC 1105	College Algebra	3
MAC 2233	Applied Calculus I	3
STA 2023 [2]	Elementary Statistics	3
GEB 2940 [3]	Business Internship	3

SUBPLAN CORE COURSES
Accounting Operations (ACCTG) (Complete 24 credits)

Course	Title	Credits
STA 2023 [4]	Elementary Statistics	3
or		
MAC 1105	College Algebra	3
or		
MGF 1106	Mathematics for Liberal Arts I	3
or		
MGF 1107	Mathematics for Liberal Arts II	3
ACG 2071	Managerial Accounting	3
ACG 2450 [a]	Accounting Software Applications	3
BRC 2001	Principles of Financial Services-Banking	3
CGS 1515	Spreadsheet Techniques and Programming	3
FIN 2000	Principles of Finance	3
GEB 2940 [3]	Business Internship	3
TAX 2000	Federal Individual Income Taxation	3

SUBPLAN CORE COURSES
Financial Services (FINSV/BANK/INSURANCE) (Complete 24 credits)

Course	Title	Credits
STA 2023 [4]	Elementary Statistics	3
or		
MAC 1105	College Algebra	3
or		
MGF 1106	Mathematics for Liberal Arts I	3
or		
MGF 1107	Mathematics for Liberal Arts II	3
_____		
BRC 2001	Principles of Financial Services-Banking	3
or		
BRC 2062	Introduction to Financial Markets and Money	3
or		
FIN 2000	Principles of Finance	3
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FIN 1100	Personal Finance	3

RMI 1201 **b** 🗎	Principles of Property and Liability Insurance	3
RMI 2113 **b** 🗎	Personal Insurance	3
RMI 2213 **b** 🗎	Commercial Insurance	3
MAR 2410 🗎	Personal Selling	3
GEB 2940 **3,b** 🗎	Business Internship	3

SUBPLAN CORE COURSES
Entrepreneurship (ENT) (Complete 24 credits)

		Credits
STA 2023 **4** 🗎	Elementary Statistics	3
or		
MAC 1105 🗎	College Algebra	3
or		
MGF 1106 🗎	Mathematics for Liberal Arts I	3
or		
MGF 1107 🗎	Mathematics for Liberal Arts II	3
ENT 1000 🗎	Intro to Entrepreneurship	3
ENT 1012 🗎	Entrepreneurship Management	3
ENT 2010 🗎	Planning the Entrepreneurial Venture	3
ENT 2120 🗎	Entrepreneurial Marketing and Sales	3
MAR 2101 🗎	Social Media Marketing	3
GEB 2940 **3** 🗎	Business Internship	3
GEB 2350 🗎	Survey of International Business	3

SUBPLAN CORE COURSES
Management and Operations (MGMT) (Complete 24 credits)

		Credits
STA 2023 **4** 🗎	Elementary Statistics	3
or		
MAC 1105 🗎	College Algebra	3
or		
MGF 1106 🗎	Mathematics for Liberal Arts I	3
or		
MGF 1107 🗎	Mathematics for Liberal Arts II	3
ACG 2071 🗎	Managerial Accounting	3
CGS 1515 🗎	Spreadsheet Techniques and Programming	3
or		
ENC 2210 🗎	Technical Writing	3
GEB 2940 **3** 🗎	Business Internship	3
LDR 2001 🗎	Introduction to Leadership	3
MAN 2340 🗎	Supervisory Management	3
MAN 2582 **c** 🗎	Introduction to Project Management	3
MAR 2011 🗎	Principles of Marketing	3

SUBPLAN CORE COURSES
Marketing (MKT) (Complete 24 credits)

		Credits
STA 2023 **4** 🗎	Elementary Statistics	3
or		
MAC 1105 🗎	College Algebra	3

or

MGF 1106 ⅃	Mathematics for Liberal Arts I	3
or		
MGF 1107 ⅃	Mathematics for Liberal Arts II	3
CGS 1515 ⅃	Spreadsheet Techniques and Programming	3
MAR 2011 ⅃	Principles of Marketing	3
MAR 2101 ⅃	Social Media Marketing	3
MAR 1142 ⅃	Global Marketing	3
MAR 2321 ⅃	Advertising	3
or		
MAR 2410 ⅃	Personal Selling	3
GEB 2350 ⅃	Survey of International Business	3
GEB 2940 [3] ⅃	Business Internship	3

SUBPLAN CORE COURSES **Supply Chain and Logistics (SUP)(Complete 24 credits)**		**Credits**
STA 2023 [4] ⅃	Elementary Statistics	3
or		
MAC 1105 ⅃	College Algebra	3
or		
MGF 1106 ⅃	Mathematics for Liberal Arts I	3
or		
MGF 1107 ⅃	Mathematics for Liberal Arts II	3
MAN 1500 [d] ⅃	Supply Chain Operations	3
MAN 1590 [d] ⅃	Supply Chain Practices	3
MAN 2571 ⅃	Supply Chain Planning	3
MAN 2582 [c] ⅃	Introduction to Project Management	3
GEB 2350 ⅃	Survey of International Business	3
GEB 2940 [3] ⅃	Business Internship	3
MAR 1142 ⅃	Global Marketing	3

Total Credits	**60**

[2]*QMB 2100 may be substituted for STA 2023.*
[3]The Standard Internship is 3 credits and requires 60 hours of internship work experience for each credit earned.
[4]STA 2023 is the recommended math course, however students may select from: STA 2023, MAC 1105, MGF 1106 or MGF 1107.*QMB 2100 may be substituted for STA 2023.*
[a]Completion of ACG2450 at SPC prepares students for the QuickBooks Certification Exam
[b]Completion of RMI 1201, RMI 2113, RMI 2213 and the AS degree will enable students to earn up to 3 Florida insurance licenses (4-40, 20-44, 2-40) . Licenses are awarded without state examination through the Division of Insurance Agent and Agency Services.
[c]Completion of MAN 2582 may provide the option to sit for the CAPM Project Management Certification Exam
[d]MAN1500 and MAN1590 align with various SCPro Fundamentals Supply Chain Management Industry Certifications endorsed by CSCMP

Notes

Fully Online

PROGRAM OF STUDY
College of Business
Business Administration Bachelor of Science
BUS-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1105202011)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Acting Dean, College of Business
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Dr. Robin Wilber, Faculty
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(727) 341-3203

Program Summary

This program is offered as a Fully Online program.

Our Bachelor of Science in Business Administration teaches you how to analyze and solve business problems in quickly changing environments. We give you a foundation in economics, accounting, finance, management, marketing, business law, statistics and operations management. As a graduate of this program, you'll have the knowledge and business insight to assume positions of responsibility in a global business community.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

All students must complete the 36 credit general education requirement in order to graduate from this program. A.S. degree holders may need to complete an additional 15-21 general education credits to complete the thirty-six (36) credit hour general education requirement.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:

As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

ADMISSIONS COURSES **60 credits in a related discipline with at least 15 General Education credits**	Credits
Total Credits	**60**

STATE MANDATED PREREQUISITES		Credits
ACG 2021 ⏷	Financial Accounting	3
ACG 2071 ⏷	Managerial Accounting	3
CGS 1100 * ⏷	Computer Applications	3
ECO 2013 * ⏷	Principles of Macroeconomics	3
ECO 2023 ⏷	Principles of Microeconomics	3
MAC 2233 [1] ⏷	Applied Calculus I	3
STA 2023 [2] ⏷	Elementary Statistics	3

MAJOR CORE COURSES **Grade of "C" or better required for all upper-division courses**		Credits
BUL 3320 ⏷	Law and Business	3
FIN 3403 [3] ⏷	Financial Management	3
GEB 3213 ⏷	Business Communication for Professional Effectiveness	3
ISM 3011 ⏷	Management Information Systems	3
MAN 3303 ⏷	Management & Leadership Practices	3
MAN 3504 ⏷	Operations Management	3
MAN 3600 ⏷	International Business	3
MAN 4583 ⏷	Project Management	3
MAR 3802 ⏷	Marketing Management	3
QMB 3200 ⏷	Quantitative Methods for Business	3
	REQUIRED FINAL COURSE (6 credits) - Last Semester for All Students	
MAN 4900 [4] ⏷	Strategic Capstone Project	6
Total Credits		**36**

SUBPLAN **Select ONE subplan from below (Complete 18 credits):**	Credits
Total Credits	**18**

SUBPLAN CORE COURSES **SUBPLAN: FINANCIAL SERVICES (FS)**		Credits
FIN 4140 ⏷	Personal Financial Planning	3
FIN 4323 ⏷	Bank Operations & Management	3
FIN 4414 ⏷	Corporate Finance	3
FIN 4504 ⏷	Investments	3
MAN 3503 ⏷	Managerial Risk Analysis and Decision Making	3

MAR 4413	Sales and Customer Relationship Management	3

SUBPLAN CORE COURSES
SUBPLAN: INTERNATIONAL BUSINESS (IB)

		Credits
BUL 3322	Legal Issues in International Business	3
ETI 3647	Supply Chain Management	3
MAN 4102	Managing Cultural Diversity	3
MAN 4625	Managing Global Human Resources	3
MAN 4570	International Procurement & Outsourcing	3
MAR 4424	International Marketing	3

SUBPLAN CORE COURSES
SUBPLAN: MARKETING (MAR)

		Credits
MAR 3334	Marketing Promotions	3
MAR 4413	Sales and Customer Relationship Management	3
MAR 4424	International Marketing	3
MAR 4613	Marketing Research	3
MAR 4836	Concept and Product Development	3
MAR 4841	Services Marketing	3

SUBPLAN CORE COURSES
SUBPLAN: MANAGEMENT (MGMT)

		Credits
ETI 3647	Supply Chain Management	3
MAN 3240	Applied Organizational Behavior	3
MAN 3503	Managerial Risk Analysis and Decision Making	3
MAN 3786	Sustainable Enterprise Planning	3
MAN 4584	Process Improvement Methodologies	3
MAN 4881	Authority Influence and Projects	3
or		
MAN 4741	Innovation, Change and Agile Projects	3

MAJOR ELECTIVE COURSES
Select 6 Upper Division Credits

		Credits
FIN 4140	Personal Financial Planning	3
FIN 4470	Entrepreneurial Finance	3
FIN 4504	Investments	3
MAN 3240	Applied Organizational Behavior	3
MAN 3786	Sustainable Enterprise Planning	3
MAN 3802	Principles of Entrepreneurship	3
MAN 4061	Corporate Social Responsibility	3
MAN 4102	Managing Cultural Diversity	3
MAN 4570	International Procurement & Outsourcing	3
MAN 4741	Innovation, Change and Agile Projects	3
MAN 4935	Special Topics in Management Concepts	3
MAN 4940 [5]	Internship	3
SPM 3154	Principles of Sports Management	3
SPM 4104	Sports Facility and Event Management	3

Total Credits	**120**

*Applies towards general education requirements
1Applies towards general education requirements; Students can also take *MAC 2311 Calculus with Analytic Geometry I. Students selecting this option should contact an advisor.
2Applies towards general education requirements; QMB 2100 is an acceptable substitute for STA 2023.
3Must be taken within first 15 upper division hours of program
4For students in Effective terms prior to 0520, MAN 4900 will be completed for 3 credits. For students in term 0520 or later, MAN 4900 will be offered at 6 credits starting Fall 2017. All major core courses must completed before Capstone can be taken.
5Standard Internship is 3 credits. Internships require 60 hours of internship work experience for each 1 credit earned

Notes

Fully Online

PROGRAM OF STUDY
College of Business
Business Development and Entrepreneurship Certificate with Financial Aid Eligibility
BUSENTR-CT

Effective Catalog Term: Spring 2021 (0585) through Present (CIP# 0552070306)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

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Nicolle Panuthos, Entreprenuership Director and Faculty
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727-394-6266

Program Summary

The Business Development and Entrepreneurship Certificate (CCC) offers a sequence of courses that provide relevant technical knowledge and business skills needed to prepare for starting and/or managing an entrepreneurial business and/or attaining further education and careers in the Business, Management, and Administration fields. The content includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, occupation-specific skills, and knowledge of the aspects in Business Management and Administration careers. Career options include positions and jobs in new venture formation, management of early stage startups, intrapreneurship and division management, sales, promotions, marketing, consulting, brand and product line development. Students completing this college credit certificate can transfer the credits directly to the Business Administration AS Degree.

The content includes but is not limited to business communications, business development, accounting, management, marketing, business law, leadership and global business practices.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
*General and Operations Managers
*Small Business Owners and Managers
*New Business and Entrepreneurship Ventures

Graduation Requirements

A grade if "C" or better on all courses in the program.

MAJOR CORE COURSES
Complete 24 credits

		Credits
CGS 1100 ⤓	Computer Applications	3
ENT 1000 ⤓	Intro to Entrepreneurship	3
GEB 2214 ⤓	Business Communications	3
ENT 1012 ⤓	Entrepreneurship Management	3
ACG 2021 ⤓	Financial Accounting	3
ENT 2010 ⤓	Planning the Entrepreneurial Venture	3
ENT 2120 ⤓	Entrepreneurial Marketing and Sales	3
BUL 2241 ⤓	Business Law I	3
or		
BUL 2131 ⤓	Legal Environment of Business	3
Total Credits		**24**

Total Credits	**24**

<u>Graduation Notes</u>

1) Required courses listed in suggested order of enrollment and completion.
2) All courses may be completed fully online
3) Please consider the Business Plan Competition and Entrepreneurship Club associated with this program.
4) This program counts toward the BUS-AS degree.

PID 1113

PROGRAM OF STUDY
Engineering and Building Arts Department
Computer-Aided Design & Drafting Certificate with Financial Aid Eligibility
CAD-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary
This certificate provides a program of study with courses in CAD (computer aided drafting) and solid modeling needed to assist the engineering and drafting activities of industry, construction, architecture, and consultants in planning, designing, and detailing projects. Rapid Prototyping techniques, like 3D printing, woodworking, casting and molding, are taught throughout the solid modeling courses. This CAD Certificate is part of the Digital Design and Modeling Subplan of the 60-credit hour Associate in Science degree in Engineering Technology. Some of these courses can also be taken as electives in the Building Design and Construction Management AS degree program. Students new to this field will be able to obtain employment by completing this certificate and work in those areas where CAD technicians, drafters, and designers are needed.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• CAD Designer
• CAD Technician
• Design Technician
• Detailer
• Engineering Aide
Drafter

Graduation Requirements
All courses need to be completed with a minimum of a "C".

MAJOR CORE COURSES		Credits
ETD 1320 C 🔲	Introduction to CAD	3
ETD 1340 C 🔲	AutoCAD II	3
ETD 1350 C 🔲	AutoCAD Inventor (3D modeling)	3
or		
ETD 1390 C 🔲	Introduction to Architectural Revit	3
ETD 2364 C 🔲	Introduction to SolidWorks	3
ETD 2368 C 🔲	Advanced Solidworks	3
ETD 2369 C 🔲	SolidWorks Applications	3
	Select any two (2) additional ETD related course	6
Total Credits		**24**

Total Credits	24

PROGRAM OF STUDY
College of Computer & Information Technology
Cisco Certified Network Associate Certificate with Financial Aid Eligibility
CCNA-CT

Effective Catalog Term: Fall 2020 (0580) through Present (CIP# 0511100114)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

John Long, Academic Dept. Chair
long.john@spcollege.edu
727-341-4620

Michael Gordon, Professor
gordon.michael@spcollege.edu
727-341-3011

Program Summary

This program is offered as a Fully Online program.

This certificate program is designed to produce a Cisco Certified Network Associate, CCNA. The CCNA is recognized in the industry as a technical professional working with traditional Cisco-based networks that predominantly include LAN and WAN routers and LAN switches.

Students who complete this Cisco training will have the expertise needed to pass the test, required by Cisco Systems, to achieve CCNA status.

Upon completion of the Cisco Certified Network Associate program, the student is awarded a college certificate. These courses will apply toward the AS degree in Computer Networking.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

- Field Engineering Technician
- Help Desk Technician
- Network Administrator I
- Network Engineer I
- Network Manager
- Network Support Specialist I
- Network Systems Analyst I
- Network Technician
- Pre-Sales Technical Support
- Router Engineer/Technician I
- Technical Support Specialist
- WAN Administrator

Program Related Web Sites

Go to http://www.cisco.com/web/learning for information about the Cisco tests and certification.

http://www.spcollege.edu/Cisco_Certified_Network_Associate_Certificate/

Admission Requirements

There are no admissions requirements for this program.

MAJOR CORE COURSES

Complete 21 credits - Grade of "C" or better required.

		Credits
CET 1171 C ⅃	Computer Repair Essentials	3
CET 1172 C ⅃	Computer Support Technician	3
CET 1600 ⅃	Introduction to Networks	3
CET 1610 ⅃	Switching, Routing, and Wireless Essentials	3
CET 2615 ⅃	Enterprise Networking, Security, and Automation	3
CET 2620 ⅃	Enterprise Advanced Routing and Services	3
CET 2685 ⅃	Implementing Cisco Network Security	3
Total Credits		**21**

Total Credits	**21**

Notes

Fully Online

PROGRAM OF STUDY
College of Education
Early Childhood Education Associate in Science
CHDEV-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Anne Ryan, Lead Instructor
ryan.anne@spcollege.edu
727-791-2776

Dr. Andrea Kelly, Associate Dean
kelly.andrea@spcollege.edu
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Program Summary

This program is offered as a Fully Online program.

This program's curriculum provides a general education as well as courses in the specialized areas of early childhood education. The goal of this program is to prepare successful students for careers in the Early Childhood arena. The general college admissions policy applies to all students entering the Early Childhood Education Program.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

VPK classrooms, Head Start Centers, Early Childhood Care and Education Agencies

Program Related Web Sites

www.naeyc.org

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Literature

	Credits
Complete 3 credits from the approved General Education Composition II/Literature coursework . Minimum grade of "C" required. This requirement must be completed within the first 36 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Speech

	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

GENERAL EDUCATION COURSES
Humanities & Fine Arts (Complete 3 credits)

	Credits
Completion of this requirement satisfies the General Education Humanities & Fine Arts requirement for the AS degree.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

		Credits
	Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

		Credits
	Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

		Credits
	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 🔗	American National Government	3
POS 2041 H 🔗	Honors American National Government	3

		Credits
AMH 2020 🗎	History of the United States II	3
AMH 2020 H 🗎	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
American Government (Complete 3 credits) — Credits

	Completion of this requirement satisfies 3 credits of the General Education Social and Behavioral Science requirement for this AS degree.	
POS 2041 🗎	American National Government	3
POS 2041 H 🗎	Honors American National Government	3
Total Credits		**3**

MAJOR CORE COURSES
Complete 27 credits — Credits

EEC 1223 🗎	Observation and Assessment in Early Childhood	3
EEC 1308 🗎	Early Childhood Planning and Management	3
EEC 1512 🗎	Caring for Infants and Toddlers	3
EEC 1600 🗎	Guiding the Young Child	3
EEC 1603 🗎	Early Childhood Development	3
EEC 2271 🗎	Introduction to Working with Young Children with Special Needs	3
EEC 2300 🗎	Developing Cognitive Activities for Young Children(Math, Lnge Arts, Science, Social Studies, Health)	3
EEC 2312 🗎	Developing Creative Activities for Young Children	3
EEC 2907 **a** 🗎	Early Childhood Education Internship	3
Total Credits		**27**

MAJOR ELECTIVE COURSES
Select 3 credits — Credits

EDF 1005 🗎	Introduction to Education	3
EDF 2085 🗎	Diverse Populations	3
EEC 2002 🗎	Foundations of Chld Care and Educational Administration	3
Total Credits		**3**

Total Credits | 60

a This course must be taken during the student's last term.

Notes

Fully Online

PROGRAM OF STUDY
College of Education
Early Child Development Certificate with Financial Aid Eligibility
CHDEV-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Anne Ryan, Lead Instructor
ryan.anne@spcollege.edu
727.791.2776

Program Summary

This 36-credit certificate is part of the A.S. degree in Early Childhood Education. Students earning the Certificate will gain skills and knowledge to provide quality care to young children in early childhood care and education settings. The Certificate also meets the Office of Early Learning Career Pathways requirement for the Florida Advanced Early Care and Education Credential (FAECEC).

The Academic Pathway is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the [recommended Academic Pathway](#).

If you have already started the program, click here for the [archived Academic Pathways](#).

Please verify the Academic Pathway lists your correct starting semester. Students entering this program who have earned a prior degree (AS, AA, Baccalaureate) should speak with an advisor regarding course requirements ENC 1101, SPC 1608 and PHI 1600.

Job-Related Opportunities

Preschool Teacher; head Start Teacher; Early Head Start Teacher

Graduation Requirements

All courses must be completed with a minimum grade of "C" or better.

MAJOR CORE COURSES
Complete 36 credits

		Credits
ENC 1101 [1]	Composition I	3
SPC 1608 [2]	Public Speaking	3
PHI 1600 [3]	Studies in Applied Ethics	3
EEC 1223	Observation and Assessment in Early Childhood	3
EEC 1308	Early Childhood Planning and Management	3
EEC 1512	Caring for Infants and Toddlers	3
EEC 1600	Guiding the Young Child	3

EEC 1603 ⤓	Early Childhood Development	3
EEC 2271 ⤓	Introduction to Working with Young Children with Special Needs	3
EEC 2300 ⤓	Developing Cognitive Activities for Young Children(Math, Lnge Arts, Science, Social Studies, Health)	3
EEC 2312 ⤓	Developing Creative Activities for Young Children	3
EDF 2085 ⤓	Diverse Populations	3
Total Credits		**36**

Total Credits	**36**

[1]Completion of this course with a minimum grade of "C" satisfies 3 credits of the General Education Communications (core) requirement.
[2]Completion of this course with a minimum grade of "C" satisfies 3 credits of the General Education Speech requirement.
[3]Completion of this course with a minimum grade of "C" satisfies 3 credits of the General Education Ethics requirement.

PID 829

PROGRAM OF STUDY
Social and Behavioral Sciences Department
Community Health Worker Certificate Certificate with Financial Aid Eligibility
CHW-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Joseph Smiley, Dean, Social/Behavioral Science & Human Services
smiley.joseph@spcollege.edu
727-712-5851

Program Summary

The CHW Section of the APHA (American Public Health Association) has adopted the following definition of a community health worker: A community health worker is a frontline public health worker who is a trusted member of and/or has an unusually close understanding of the community served. This trusting relationship enables the worker to serve as a liaison/link/intermediary between health/social services and the community to facilitate access to services and improve the quality and cultural competence of service delivery.

A community health worker also builds individual and community capacity by increasing health knowledge and self-sufficiency through a range of activities such as outreach, community education, informal counseling, social support and advocacy.

The Human Services Program is a Single-Source Provider with the Florida Certification Board (FCB). The coursework in this Certificate satisfies the educational requirements for the Certified Community Health Worker (CCHW) examination. There are additional requirements to quality for this examination (i.e., work experience). See the FCB website for details www.flcertificationboard.org

These courses will apply toward the A.S. degree in Social and Human Services.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

• Community Health Worker
• Healthy Start Worker
• Community Health Advisors
• Migrant Workers
• Health Workers/Liaisons
• Promotores de Salud

APHA Community Health Worker Section:
https://www.apha.org/apha-communities/member-sections/community-health-workers

Florida Community Health Worker Coalition:
http://www.floridahealth.gov/provider-and-partner-resources/community-health-workers/fl-chw-coalitio n/

Florida Certification Board: Certified Community Health Worker
http://flcertificationboard.org/certifications/certified-community-health-worker-cchw/

U.S. Department of Health and Human Services: http://www.hhs.gov/

HealthyPeople.gov:
http://www.healthypeople.gov/2020/leading-health-indicators/Leading-Health-Indicators-Development-a nd-Framework

Graduation Requirements

Grade of "C" or higher is required in all courses.

MAJOR CORE COURSES
Grade of "C" or higher is required in all courses.

		Credits
HUS 1111 ⤓	Introduction to Intra and Inter-Personal Processes	3
HUS 1353 ⤓	Issues in Community Health Services	3
HUS 2540 ⤓	Building Stronger Families and Communities	3
HUS 2550 ⤓	Social Services and the Disenfranchised	3
HUS 2949 ⤓	Co-op Work Experience in Human Services	3
	_____	
HUS 2541 ⤓	Working with Families in the Early Childhood Period	3
or		
HUS 2542 ⤓	Working with Families in the Perinatal Period	3
Total Credits		**18**

Total Credits	**18**

PID 1217

PROGRAM OF STUDY
College of Computer & Information Technology
Computer Information Technology Associate in Science
CIT-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1511010307)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

John Long, Academic Chair
long.john@spcollege.edu
727-341-4620

Program Summary

This program is offered as a Fully Online program.

This program prepares the student for an entry-level position in the support of information systems and technology services in a business setting. Students will learn technical skills in networking, spreadsheet & database programming, Web tools, and information technology security. Students will have the opportunity to learn software application support, hardware configurations & troubleshooting, and data analysis. Students will have the opportunity to sit for the CompTIA A+, CompTIA Network+, MOS Excel, and MOS Access industry certifications after completing the associated courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

• Help Desk Support Specialist
• Computer User Support Specialist
• Information Technology Specialist
• Technical Support Specialist

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all Major core and subplan courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⤓	American National Government	3
POS 2041 H ⤓	Honors American National Government	3
AMH 2020 ⤓	History of the United States II	3
AMH 2020 H ⤓	Honors History of the US II	3
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

SUPPORT COURSES

		Credits
	Completion of this requirement satisfies the General Education Computer Competency requirement for this AS degree.	
CGS 1100 ⤓	Computer Applications	3
Total Credits		**3**

MAJOR CORE COURSES
Complete 39 credits

		Credits
CET 1171 C ⤓	Computer Repair Essentials	3
CET 1172 C ⤓	Computer Support Technician	3
CGS 1301 ⤓	Introduction to Information Systems	3
CGS 1309 ⤓	Computer and Information Technology Concepts	3
CGS 1515 ⤓	Spreadsheet Techniques and Programming	3
CGS 1545 ⤓	Database Techniques	3
CGS 1831 ⤓	Web Foundations/Essentials	3
CGS 2651 ⤓	Social Media and Web Technologies	3
CIS 2940 ⤓	Computer Information Technology Internship	3
CIS 2321 ⤓	Systems Analysis and Design	3
COP 1000 **2** ⤓	Introduction to Computer Programming	3
CNT 1000 ⤓	Local Area Network Concepts	3
CTS 1120 ⤓	Network Security Foundations	3
Total Credits		**39**

Total Credits	**60**

2Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000.

Notes

Fully Online

PROGRAM OF STUDY
College of Public Safety Administration
Criminal Justice Technology Public Safety Services Associate in Science
CJPSS-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1743010302)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Michael Hughes, Program Chair
(727) 341-4146

Susan Demers, Dean

Program Summary

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

The goal of this program is to prepare the student with a diverse background in the history, philosophy, organization and operation of the various arenas of public safety and their respective processes. The flexibility of this degree is that the student is allowed to select an option/sub plan and still be able to receive a well rounded foundation of the public safety field. The Associate in Science degree program allows students to not only graduate with an AS degree, but also be able to meet the entrance requirements to continue the BAS degree in Public Safety Administration.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
N/A

Program Related Web Sites
N/A

Admission Requirements

SPECIAL ADMISSION REQUIREMENTS: Law Enforcement and Corrections Subplans Only
1. *Must have permission of the program office before registering.
2. **Must have completed the St. Petersburg College Basic Law Enforcement Academy or Basic Corrections Academy, taken and passed the FDLE State Exam, and completed any necessary preparations to have these academy credits transferred to or accepted by SPC. Other credits may be awarded from other FDLE Certified Training schools via the SPC Experiential Learning Program.

Graduation Requirements

SPECIAL GRADUATION REQUIREMENTS:

1. A grade of "C" or better in all designated major and support courses in this program.
2. Completion of an End of Program Assessment Examination.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Literature

	Credits
Complete 3 credits from the approved General Education Composition II/Literature coursework . Minimum grade of "C" required. This requirement must be completed within the first 36 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3

Total Credits		3

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency — **Credits**

	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		0

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View — **Credits**

	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		0

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy — **Credits**

	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		0

SUPPORT COURSES
American Government (Select 3 credits) — **Credits**

	Completion of this requirement satisfies the General Education Social/Behavioral Science core requirement and the Civic Literacy course requirement for this AS degree.	
POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
Total Credits		3

MAJOR CORE COURSES
Complete 15 credits — **Credits**

CJE 1202 ⏷	Crime and Delinquency	3
CJE 2605 ⏷	Investigative Trends	3
CCJ 2720 [1] ⏷	Intro to Research Methods in Criminology	3

CCJ 1020 🔎	Introduction to Criminal Justice	3
CJL 2062 🔎	Constitutional Law & Rules of Evidence	3
	Note: Students who plan to pursue the St. Petersburg College Law Enforcement Academy should NOT enroll in CCJ 1020 and CJL 2062. Graduates of the SPC academy who pass the exam are eligible to receive credit for these two courses.	
Total Credits		**15**

SUBPLAN **Select one subplan from below (Complete 24 credits)**	**Credits**
Total Credits	**24**

SUBPLAN CORE COURSES **Subplan: Cross Discipline (CRJ) (Select 24 credits)**		**Credits**
	Courses listed are a suggested pathway. Or select any courses with CCJ, CJB, CJC, CJD, CJE, CJL, CJT or DSC prefixes	24
CJE 1640 🔎	Introduction to Crime Scene Technology	3
CJE 1643 🔎	Advanced Crime Scene Technology	3
CJE 1681 🔎	Internet as an Investigative Tool	3
CJE 1684 🔎	Internet Fraud Investigations	3
CJE 2644 🔎	Crime Scene Safety	3
DSC 1002 🔎	Domestic & International Terrorism	3
DSC 1004 🔎	Introduction to the NRF and NIMS	3
DSC 1552 🔎	Critical Infrastructure Protection	3

SUBPLAN CORE COURSES **Subplan: Law Enforcement (LAW ENF) (Complete 24 credits)**	**Credits**
Credits articulated and applied from completion of the PSAV Law Enforcement Academy can be used toward the required 24 credits for this subplan. Students completing this degree using this option must meet with the program office or the SEPSI Advisor in order to be certain all requirements of this option have been fulfilled.	24

SUBPLAN CORE COURSES **Subplan: Corrections (COR) (Complete 24 credits)**	**Credits**
Credits articulated and applied from completion of the PSAV Corrections Academy can be used towards fulfillment of the required 24 credits for this subplan. Students completing this degree using this option must meet with the program office or the SEPSI Advisor in order to be certain all requirements of this option have been fulfilled. Courses will be identified later.	24

Total Credits	**60**

1Per SCNS course number changed from CCJ 2704 to CCJ 2720.

<u>Notes</u>
Fully Online

College of Computer & Information Technology
Cloud Computing Certificate with Financial Aid Eligibility
CLOUD-CT

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 0511100116)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean, CCIT
duff.john@spcollege.edu
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Program Summary

The certificate will prepare individuals for high demand jobs in cloud computing. It will be aligned with several industry certifications and provide students with hands-on experience with leading cloud platforms.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the [recommended Academic Pathway](.).

If you have already started the program, click here for the [archived Academic Pathways](.).

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

What follows are employment opportunities for jobs that are related to Cloud Computing.

Source: Florida Department of Economic Opportunity 2021-2022 Regional Demand Occupation - WDA 14 Pinellas County

Computer Occupations Pinellas County 2019 Pinellas County Hourly Wage

SOC Code Occupational Title Annual Percent Growth Annual Job Openings
151121 Computer Systems Analysts 1.45 165
151122 Information Security Analysts 1.80 565
151131 Computer Programmers 2.17 1,169
151132 Software Developers, Applications 1.37 238
151133 Software Developers, Sys SW 1.56 116
151134 Web Developers 1.68 868
151141 Database Administrators 1.52 669
151142 Net/Computer Sys Admin 1.08 109
151143 Computer Network Architects 1.57 979
151151 Computer User Support 1.50 340
151199 Computer Occupations, All Other 1.49 1,118

Program Related Web Sites

This program will initially be featured on the following web page:

https://www.spcollege.edu/future-students/degrees-training/technology/networking-technologies

Graduation Requirements

Minimum grade of "C" in all courses.

MAJOR CORE COURSES
Complete 24 Credits

		Credits
COP 1000 ** 🔲	Introduction to Computer Programming	3
CNT 1000 🔲	Local Area Network Concepts	3
CTS 2106 🔲	Fundamentals of the Linux/Unix Operating Environment	3
CTS 1411 🔲	Fundamentals of Information Storage and Management	3
CTS 2370 🔲	Configuring and Managing Virtualization	3
CTS 2433 🔲	SQL Database Design & Programming	3
CTS 1193 🔲	Cloud Essentials	3
CIS 2642 C 🔲	Cloud Infrastructure and Services	3
Total Credits		**24**

Total Credits	**24**

**Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000.

PID 1306

165

College of Computer & Information Technology
Computer Programmer Certificate with Financial Aid Eligibility
CMPRG-CT

Effective Catalog Term: Fall 2020 (0580) through Present (CIP# 0511020200)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

Dawn Ellis, Academic Chair
Ellis.Dawn@spcollege.edu
727-614-7025

Program Summary
This program is offered as a Fully Online program.

This certificate is designed to further develop student proficiency in programming by giving students the opportunity to complete multiple programming languages. These programming languages have been identified as those needed for students to enter the job market as an entry-level programmer. Also, the Java programming language courses provide students the ability to prepare for industry certification.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
Entry-Level Programmer

Program Related Web Sites
n/a

Admission Requirements
There are no admissions requirements for this program.

Graduation Requirements
Minimum grade of "C" required in all courses.

MAJOR CORE COURSES
Complete 33 credits

		Credits
CGS 1309	Computer and Information Technology Concepts	3
COP 1000 *	Introduction to Computer Programming	3
CGS 1560	Computer Operating Systems	3
CGS 1831	Web Foundations/Essentials	3
COP 2250	Java Programming I	3
COP 2360	C# Programming I	3
CTS 2433	SQL Database Design & Programming	3
COP 2251	Java Programming II	3
COP 2362	C# Programming II	3
COP 2839	ASP.NET Programming with C#	3
CIS 2321	Systems Analysis and Design	3
Total Credits		**33**

Total Credits	**33**

*Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000.

<u>Notes</u>

Fully Online

PID 1002

College of Computer & Information Technology
Networking Technologies Associate in Science
COMPNET-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1511100112)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

John Long, Academic Dept Chair
long.john@spcollege.edu
727-341-4620

Program Summary

This program is offered as a Fully Online program.

This program is designed for students to build, maintain, and manage an integrated network, utilizing the latest networking technologies, to implement network security measures, and to develop analytical and troubleshooting skills to resolve common network issues locally or in the cloud. This program prepares students to sit for the CompTIA A+, CompTIA Network+, CompTIA Linux+, CompTIA Cloud Essentials+, and Cisco Certified Network Associate (CCNA) industry certifications depending upon which program pathway is selected.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Network Systems Administrators
• Network Support Specialists
• User Support Specialists

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all Support and Major Core courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⤓	American National Government	3
POS 2041 H ⤓	Honors American National Government	3
AMH 2020 ⤓	History of the United States II	3
AMH 2020 H ⤓	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 3 credits

		Credits
CGS 1309 ⤓	Computer and Information Technology Concepts	3
	Completion of CGS 1309 will also satisfy the Computer Competency requirement.	
Total Credits		**3**

MAJOR CORE COURSES
Complete 21 credits

		Credits
CET 1171 C ⤓	Computer Repair Essentials	3
CET 1172 C ⤓	Computer Support Technician	3
COP 1000 ** ⤓	Introduction to Computer Programming	3
CNT 1000 ⤓	Local Area Network Concepts	3
CTS 2106 ⤓	Fundamentals of the Linux/Unix Operating Environment	3
CTS 2321 ⤓	Linux System Administration	3
CTS 1328 ⤓	Windows Server Administration	3
Total Credits		**21**

SUBPLAN
Select ONE subplan below (Complete 18 credits)

		Credits
Total Credits		**18**

SUBPLAN CORE COURSES
SUBPLAN: Network Infrastructure (NETWORK) (Complete 18 credits)

		Credits
CET 1600 ⤓	Introduction to Networks	3
CET 1610 ⤓	Switching, Routing, and Wireless Essentials	3

CET 2615	Enterprise Networking, Security, and Automation	3
CET 2620	Enterprise Advanced Routing and Services	3
CET 2685	Implementing Cisco Network Security	3
CNT 2940	Computer Networking Internship	3

SUBPLAN CORE COURSES **SUBPLAN: Enterprise Cloud Computing (CLOUD) (Complete 18 credits)**		**Credits**
CTS 1411	Fundamentals of Information Storage and Management	3
CTS 2370	Configuring and Managing Virtualization	3
CTS 1193	Cloud Essentials	3
CIS 2642 C	Cloud Infrastructure and Services	3
CTS 2433	SQL Database Design & Programming	3
CEN 2940	Cloud Computing Internship	3

Total Credits	**60**

**Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000.

Notes

Fully Online

PROGRAM OF STUDY
College of Computer & Information Technology
Computer Programming Specialist Certificate with Financial Aid Eligibility
CPS-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

Dawn Ellis, Academic Chair
Ellis.Dawn@spcollege.edu
727-614-7025

Program Summary
This program is offered as a Fully Online program.

This certificate is designed to develop student proficiency in programming and to introduce the student to the variety of skills necessary to create dynamic Web content and transaction-based Web systems. On completion of the certificate, the student will be expected to enter the job market as an entry-level programmer. Also, on completion of the Java courses the student will be prepared for the Oracle Java Associate industry certification.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
Entry-level Programmer

Program Related Web Sites
n/a

Admission Requirements
There are no admissions requirements for this program.

Graduation Requirements
Minimum grade of "C" required in all courses.

MAJOR CORE COURSES
Complete 9 credits

		Credits
COP 1000 ⬚	Introduction to Computer Programming	3
CGS 1831 ⬚	Web Foundations/Essentials	3
CTS 2433 ⬚	SQL Database Design & Programming	3
Total Credits		**9**

SUBPLAN
Select ONE subplan below

	Credits
Total Credits	**9**

SUBPLAN CORE COURSES
C++ Subplan (CPLUS) (Complete 9 credits)

		Credits
COP 2220 **1** ⬚	Programming in C++	3
COP 2222 ⬚	Advanced C++ Programming	3
CIS 2321 ⬚	Systems Analysis and Design	3

SUBPLAN CORE COURSES
C# Subplan (CSHARP) (Complete 9 credits)

		Credits
COP 2360 ⬚	C# Programming I	3
COP 2362 ⬚	C# Programming II	3
COP 2839 ⬚	ASP.NET Programming with C#	3

SUBPLAN CORE COURSES
Java Subplan (JAVA) (Complete 9 credits)

		Credits
COP 2250 ⬚	Java Programming I	3
COP 2251 ⬚	Java Programming II	3
COP 2660 ⬚	Introduction to Android Programming	3

Total Credits | 18

1 This course has replaced CGS 2402; effective Spring 2019 (0555).

Notes

Fully Online

College of Public Safety Administration
Computer Related Crime Investigation Certificate with Financial Aid Eligibility
CRCI-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

publicsafetyadvising@spcollege.edu -, -

Kevin Thomas, Lead Instructor, AC
(727) 341-4540

Susan Demers, Dean

Program Summary

This program is offered as a Fully Online program.

This certificate requires eight of nine courses listed below for a total of 24 credit hours which include skills in researching, investigating, using computer software, interpreting laws, and using the internet as an investigative tool. This certificate will prepare the student for careers in corporate computer security investigation or similar careers in law enforcement.

The prerequisites for entry to the program are basic computer usage skills: editing files, navigating a file system, and browsing the internet. The courses include tasks that will enhance the student's ability to obtain and interpret data from various sources. The student will also be provided with scenarios and case histories to explore and gain experience.

These courses will apply toward the AS degree in Public Safety Criminal Justice, subplan Computer Related Crime Investigations.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

- Computer Security Specialist
- Corporate Computer Crime Investigator
- Computer Security Manager
- Law Enforcement Computer Crime Investigator
- Computer Forensic Investigator
- Computer Crime Consultant
- Computer Security Auditor

Admission Requirements

N/A

Graduation Requirements

A minimum grade of "C" in all Support and Major courses.

MAJOR CORE COURSES		Credits
CJE 1680 ⬚	Introduction to Computer Related Crime Investigations	3
Total Credits		**3**

MAJOR ELECTIVE COURSES **Select 21 credits**		Credits
CJE 1669 ⬚	Identity Theft Investigations	3
CJE 1681 ⬚	Internet as an Investigative Tool	3
CJE 1682 ⬚	Tracking and Profiling Hackers, Pedophiles and Internet Stalkers	3
CJE 1684 ⬚	Internet Fraud Investigations	3
CJE 1685 ⬚	Legal Aspects of Computer Related Criminal Investigations	3
CJE 1686 ⬚	Forensic Computer Related Crime Investigations	3
CJE 1687 ⬚	Computer Software Piracy and Copyright Infringement	3
CTS 1120 ⬚	Network Security Foundations	3
Total Credits		**21**

Total Credits	24

Notes

Fully Online

PROGRAM OF STUDY
College of Health Sciences
Respiratory Care: CRT Transitional Associate in Science
CRT-RESC-AS

Effective Catalog Term: Fall 2011 (0445) through Present (CIP# 1351090800)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Steve Hardt, Program Director
steve.hardt@spcollege.edu
727-341-3627

Program Summary

The Respiratory Care Program is dedicated to the philosophy and goals of the college. The Respiratory Care Program is designed to offer the student planned learning experiences and to provide knowledge, skills, and promote attitudes that will culminate in successful employment of the graduate as a respiratory therapist.

The Associate of Science in Respiratory Care is transferable to a Bachelor's degree in Health Services Administration at SPC.

NOTE: This program of study is designed for licensed paramedics and awards credit for students' experience. Students who complete this program will graduate with an RESC-AS degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Before entering the first term of the Respiratory Care "program courses" students must complete a minimum of 12 credits from the General Education and/or Support courses listed below including BSC 2085 and BSC 2085L with a grade of "C" or better. General Education and Support courses do not have to be completed in the order listed below. Candidates will also complete the Health Programs Application form. Please see a counselor or advisor.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition**	Credits

	Complete 3 credits from the approved General Education Composition I coursework below. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Communications - Speech**		**Credits**
	Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences**		**Credits**
	Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts**		**Credits**
	Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics**		**Credits**
	Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**		**Credits**
	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Computer/Information Literacy Competency**		**Credits**
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

SUPPORT COURSES
Complete 12 credits

		Credits
BSC 2085 📄	Human Anatomy & Physiology I	3
BSC 2085 L 📄	Human Anatomy & Physiology Lab I	1
BSC 2086 📄	Human Anatomy & Physiology II	3
BSC 2086 L 📄	Human Anatomy & Physiology Laboratory II	1
CHM 1025 📄	Introductory Chemistry	3
CHM 1025 L 📄	Introductory Chemistry Lab	1
Total Credits		**12**

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Advanced Placement Credit

	Credits
Total Credits	**26**

MAJOR CORE COURSES
1st Term in Program (Complete 6 credits)

		Credits
RET 1264 📄	Principles of Mechanical Ventilation	3
RET 1485 📄	Cardiopulmonary Physiology	3
Total Credits		**6**

MAJOR CORE COURSES
2nd Term in Program (Complete 2 credits)

		Credits
RET 2284 📄	Advanced Modalities and Monitoring	2
Total Credits		**2**

MAJOR CORE COURSES
3rd Term in Program (Complete 7 credits)

		Credits
RET 2414 📄	Diagnostic Procedures and Pulmonary Rehabilitation	3
RET 2450 📄	Cardiopulmonary Assessment	2
RET 2484 📄	Pulmonary Disease	2
Total Credits		**7**

MAJOR CORE COURSES
4th Term in Program (Complete 5 credits)

		Credits
RET 2244 📄	LIfe Support	1

RET 2714 ⬚	Neonatal-Pediatric Respiratory Care	2
RET 2935 ⬚	Medical-Surgery Aspects of Respiratory Care	2
Total Credits		**5**

Total Credits	**76**

PROGRAM OF STUDY
College of Public Safety Administration
Crime Scene Technology Associate in Science
CST-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1743040600)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Lynn Ernst, Lead Instructor, AC
ernst.lynn@spcollege.edu
(727) 341-4508

Susan Demers, Dean

Program Summary

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

The goal of this program is to prepare successful students for employment in the field of criminalistics with a specialty in Crime Scene Technology. The student can serve in, but is not limited to, a position as a Crime Scene Technician, Crime Scene Photographer, Fingerprint Classification Specialist, Crime Lab Assistant, Investigator/Consultant, Juvenile Assessment Worker, Latent Print Examiner/Trainee, Fire Inspector/Investigator, Forensic Science Specialist and Property and Evidence Personnel. Crime Scene Technologists can be employed by Local, State and Federal law enforcement agencies, State Attorneys' Offices, Public Defenders' Offices, Medical Examiners' Offices, law firms and private industry.

The content includes, but is not limited to, a working knowledge of all basic tenets in crime scene technology encompassed in the phases of crime scene search, recording, evidence gathering, packaging of evidence and courtroom testimony. The goal is the proper collection of crime scene evidence according to all legal dictates for presentation in court.

Reinforcement of basic skills in English, mathematics, and science appropriate for the job preparatory program is provided through vocational classroom instruction and applied laboratory procedures and practice.

Laboratory and field experiences are an integral part of this program. Students will participate in mock crime scene exercises, moot court hearings and various lab experiences that involve the processing of evidence.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

<u>Graduation Requirements</u>

1. A minimum grade of "C" in all Support and Major courses.
2. Completion of an End-of-Program Assessment Examination.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	**Credits**
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Communications - Literature**	**Credits**
Complete 3 credits from the approved General Education Composition II/Literature coursework . Minimum grade of "C" required. This requirement must be completed within the first 36 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required. Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	**Credits**
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	**Credits**
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	**Credits**

	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

		Credits
	Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⅃	American National Government	3
POS 2041 H ⅃	Honors American National Government	3
AMH 2020 ⅃	History of the United States II	3
AMH 2020 H ⅃	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Computer and Information Literacy Competency (Complete 1 credit)

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses.	1
CGS 1070 ⅃	Basic Computer and Information Literacy	1
CGS 1100 ⅃	Computer Applications	3
CGS 1309 ⅃	Computer and Information Technology Concepts	3
EME 2040 ⅃	Introduction to Educational Technology	3
MUM 1001 ⅃	Apple Macintosh Foundations	1
Total Credits		**1**

SUPPORT COURSES
Criminal Justice (Complete 3 credits)

		Credits
CCJ 1020 ⏷	Introduction to Criminal Justice	3
Total Credits		**3**

SUPPORT COURSES
Human Anatomy (Complete 3 credits)

		Credits
BSC 1083 ⏷	Human Anatomy	3
Total Credits		**3**

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Science course recommendation:

	Credits
Students must complete any approved science course with a CHM, ESC, GLY or PHY prefix and one credit of elective coursework. It is highly suggested students complete the following to satisfy these 4 credits: CHM 1025 and CHM 1025L	

SUPPORT COURSES
Physical Science (Select 3 credits)

	Credits
Any approved science course with a CHM, ESC, GLY or PHY prefix	3
Total Credits	**3**

SUPPORT COURSES
Elective (Select 1 credit)

	Credits
Any one credit elective course (any prefix)	1
Total Credits	**1**

MAJOR CORE COURSES
Complete 28 credits

		Credits
CJE 1640 ⏷	Introduction to Crime Scene Technology	3
CJE 1643 ⏷	Advanced Crime Scene Technology	3
CJE 2644 ⏷	Crime Scene Safety	3
CJE 2645 ⏷	Introduction to Forensic Science	3
CJE 2671 **+** ⏷	Latent Fingerprint Development	3
CJE 2672 ⏷	Fingerprint Classification	3
CJE 2676 ⏷	Biological Evidence	3
CJL 2610 **+** ⏷	Courtroom Presentation of Scientific Evidence	3
CJE 2673 C ⏷	Crime Scene Photography	4
Total Credits		**28**

Total Credits	**60**

+Courses CJL 2610 and CJE 2671 should be taken during the student's last semester.

PROGRAM OF STUDY
College of Public Safety Administration
Crime Scene Technology Certificate with Financial Aid Eligibility
CST-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0743040600)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Lynn Ernst, Lead Instructor, AC
(727) 341-4508

Susan Demers, Dean

Program Summary
Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

Crime Scene technologists are employed by local, state and federal law enforcement agencies, state attorney offices, public defender offices, medical examiners' offices, law firms and private industry.

The certificate program is designed to prepare a crime scene technician who will be able to locate, identify, process and preserve the crime scene. They will also testify in court as to their findings. These courses will apply toward the AS degree in Crime Scene Technology.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Crime Lab Assistant
• Crime Scene Photographer
• Crime Scene Technician
• Crime Scene Unit Supervisor
• Fingerprint Examiner & Classification Specialist
• Fire Inspector/Investigator
• Forensic Science Specialist
• Investigator/Consultant
• Juvenile Assessment Worker
• Latent Print Examiner/Trainee
• Property and Evidence Personnel

<u>Admission Requirements</u>

SPECIAL ADMISSION REQUIREMENTS:
1. Complete SPC application.
2. Take SPC placement test and take any remedial courses as student needs to be at college level writing and reading skills.

<u>Graduation Requirements</u>

SPECIAL GRADUATION REQUIREMENTS:
1. A grade of "C" or better in all designated specialty courses in this program.
2. Completion of an End-of-Program Assessment Examination.
3. Online students are required to attend a Lab Technique Review Session during their graduating term.
4. A grade of "I" will be assigned to a currently enrolled CJT course until the End of Assessment Exam and any required Lab Technique Review Session is completed.

MAJOR CORE COURSES		**Credits**
CJE 1640	Introduction to Crime Scene Technology	3
CJE 1643	Advanced Crime Scene Technology	3
CJE 2644	Crime Scene Safety	3
CJE 2645	Introduction to Forensic Science	3
CJE 2672	Fingerprint Classification	3
CJE 2671 *	Latent Fingerprint Development	3
CJE 2676	Biological Evidence	3
CJL 2610 *	Courtroom Presentation of Scientific Evidence	3
CJE 2673 C	Crime Scene Photography	4
Total Credits		**28**

Total Credits	**28**

*Courses CJL 2610 and CJE 2671 should be taken during the student's last semester.

<u>Notes</u>

Fully Online

College of Computer & Information Technology
Computer Programming and Analysis Associate in Science
CWPA-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1511020101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
duff.john@spcollege.edu
727-341-7176

Dawn Ellis, Academic Chair
Ellis.Dawn@spcollege.edu
727-614-7025

Program Summary

This program is offered as a Fully Online program.

This program offers the opportunity to become a successful programmer with practical skills in multiple programming language platforms. The Java courses prepares you to sit for the Oracle Java Certified Associate industry certification. You will also develop strategies for managing data; evaluating the effectiveness of information technology application systems; and in the last semester you will enroll in an internship for career development.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Computer Programmers
Computer Systems
Analysts

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.

Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

	Credits

Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.

POS 2041 🅟	American National Government	3
POS 2041 H 🅟	Honors American National Government	3
AMH 2020 🅟	History of the United States II	3
AMH 2020 H 🅟	Honors History of the US II	3
Total Credits		**0**

MAJOR CORE COURSES
Complete 36 credits

		Credits
CGS 1309 🅟	Computer and Information Technology Concepts	3
COP 1000 ** 🅟	Introduction to Computer Programming	3
CGS 1560 🅟	Computer Operating Systems	3
CGS 1831 🅟	Web Foundations/Essentials	3
COP 2250 🅟	Java Programming I	3
COP 2251 🅟	Java Programming II	3
COP 2360 🅟	C# Programming I	3
COP 2362 🅟	C# Programming II	3
CTS 2433 🅟	SQL Database Design & Programming	3
COP 2839 🅟	ASP.NET Programming with C#	3
CIS 2321 🅟	Systems Analysis and Design	3
COP 2940 🅟	Computer Programming Internship	3
Total Credits		**36**

MAJOR ELECTIVE COURSES
Complete 6 credits from 1 grouping below:

	Credits

	Mobile Device Programming	
COP 2660 🗎	Introduction to Android Programming	3
COP 2654 🗎	iOS App Development	3
or		
	Application Programming	
COP 2220 🗎	Programming in C++	3
COP 2222 🗎	Advanced C++ Programming	3
or		
	Internet of Things (IoT) Programming	
CEN 2211 🗎	Programming for Embedded Devices	3
CEN 2212 🗎	Introduction to Programming the IoT	3
or		
	Special topics	
CEN 2932 🗎	Emerging Topics in Software Engineering Technologies	3
COP 2932 🗎	Emerging Topics in Computer Programming Technologies	3
or		
	Web Programming	
CNT 1000 🗎	Local Area Network Concepts	3
COP 2801 🗎	JavaScript	3
Total Credits		**6**

Total Credits	**60**

**Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000

<u>Notes</u>

Fully Online

PROGRAM OF STUDY
College of Computer & Information Technology
Cybersecurity Bachelor of Applied Science
CYSEC-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1101110034)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
duff.john@spcollege.edu
727.341.7176

Program Summary

This program is offered as a Fully Online program.

The Bachelor of Applied Science in Cybersecurity is a professional workforce degree program that focuses on technologies and practices designed to protect information and physical resources such as computers, networks, programs and data from damage or unauthorized access.

This BAS degree program will build upon students' core knowledge in cyber security and technical areas such as computer networking, digital forensics, and computer security with an upper division curriculum focusing on information security, risk assessment and mitigation compliance, disaster planning and recovery, advanced forensics, information assurance, and defense against cyber-attack.

The program will also afford students the opportunity to demonstrate their technical career skills by obtaining higher-level security industry certifications.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Graduates of this BAS program will be prepared for jobs that align with the NICE Cybersecurity Workforce Framework. These jobs include Systems Security Analyst, Security Control Assessor, Vulnerability Assessment Analyst, Cyber Defense Analyst, and Security Architect. Other potential roles include senior positions such as Information Security Officer, Director Information Security, Chief Information Security Officer, and Principle Cybersecurity Practice Manager. These individuals need to best understand the evolving issues in the field of cybersecurity and are directly responsible for providing opportunities for sustainable employment in the workplace.

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

<u>Graduation Requirements</u>

GRADE OF "C" OR BETTER REQUIRED IN ALL COURSES

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

ADMISSIONS COURSES 60 credits in a related discipline with at least 15 General Education credits	**Credits**
Total Credits	**60**

GENERAL EDUCATION COURSES Additional General Education Courses	**Credits**
Total Credits	**15**

STATE MANDATED PREREQUISITES Complete 18 credits. All courses must be completed with a grade of "C" or better.		**Credits**
CET 2691	Laws & Legal Aspects of IT Security	3
CGS 2811	Incident Response & Disaster Recovery	3
CIS 1358	Operating System Security	3
CIS 2352	Ethical Hacking	3
CTS 1120	Network Security Foundations	3
CTS 1314	Network Defense and Countermeasures	3

MAJOR CORE COURSES (45 credits) Grade of "C" or better required		**Credits**
CIS 3083	Cloud Computing Foundations	3
ISM 4330	Information Security Policy Administration and Management	3
CIS 4253	Ethics for Information Technology	3
CIS 4219	Human Aspects of Cyber Security	3
ISM 4573	Compliance and Data Governance	3
ISM 4321	Strategic Cyber Security Enforcement	3
ISM 4329	Incident Investigation and Forensics	3
CIS 4776 [*]	Cyber Warfare	3
ISM 4571	Emerging Security Technologies	3
ISM 4323	Security Essentials	3
CNT 3421	Securing the Cloud	3
CTS 4124	Threat Detection and Mitigation	3
CIS 3661	Security Architectures	3
CIS 4200	Security Penetration Testing	3

ISM 4914 📄	Security Capstone	3
Total Credits		**45**

Total Credits	**120**

*This course number was previously CNT 4416.

<u>Notes</u>

Fully Online

College of Computer & Information Technology
Data Science Associate in Science
DATSCI-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1530700100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
duff.john@spcollege.edu
727-341-7176

Dawn Ellis, Academic Chair
ellis.dawn@spcollege.edu
7276147025

Program Summary

This program is offered as a Fully Online program.

This degree prepares students for a career in data science. Students will learn techniques for manipulating, cleansing, and analyzing large data sets. This degree provides the student with an advanced statistical skill set for true data analysis.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Data Warehousing Specialist 15-1199.07
Business Intelligence Analyst 15-1199.08
Statistician 15-2041.00

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core   **Credits**

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⅂	American National Government	3
POS 2041 H ⅂	Honors American National Government	3
AMH 2020 ⅂	History of the United States II	3
AMH 2020 H ⅂	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Math

		Credits
	Completion of this requirement satisfies the General Education Math Core requirement for this AS degree.	
MAC 1105 ⅂	College Algebra	3
MAC 1140 ⅂	Pre-Calculus Algebra	3
Total Credits		**6**

SUPPORT COURSES
Computer and Information Literacy Requirement

		Credits
	Completion of this requirement satisfies the General Education Computer Competency requirement for this AS degree.	
CGS 1100 ⅂	Computer Applications	3
CGS 1309 ⅂	Computer and Information Technology Concepts	3
Total Credits		**6**

MAJOR CORE COURSES

		Credits
COP 1000 * ⅂	Introduction to Computer Programming	3
CGS 1515 ⅂	Spreadsheet Techniques and Programming	3
CTS 2417 ⅂	Data Visualization Techniques	3
CTS 2433 ⅂	SQL Database Design & Programming	3
CTS 2450 ⅂	Introduction to Business Intelligence	3
CTS 2455 ⅂	Data Modeling and Logical Design	3
CAP 2762 ⅂	Introduction to Data Mining	3
STA 2023 ⅂	Elementary Statistics	3
STA 2041 ⅂	Data Analysis & Statistical Modeling	3
COP 1044 ⅂	Introduction to Data Science using Python	3
CAP 2940 ⅂	Data Science Internship	3
Total Credits		**33**

Total Credits | 60

* Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000

<u>Notes</u>

Fully Online

PROGRAM OF STUDY
College of Health Sciences
Dental Hygiene Bachelor of Applied Science
DENH-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1105105041)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Deanna Stentiford, Dean
Stentiford.Deanna@spcollege.edu

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

SPC's Bachelor of Applied Science degree in Dental Hygiene is the first and only bachelor's degree program in dental hygiene in Florida and is one of the largest degree completion programs in the nation. This online program can help licensed dental hygienists improve their career opportunities in management, sales, public/community health, interprofessional health care disciplines, and academia.

This degree completion program is for licensed dental hygienists who want to progress from their associate to bachelor's degree.
- Offered completely online program - no campus or residency requirements
- Discussion boards foster professional camaraderie
- Courses are offered one at a time for six to eight weeks
- Students are accepted during the fall and spring and progress through the program together in a cohort
- A capstone course, which lasts 14 weeks, integrates career interests through teaching, interning or observing.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Careers:
This program is for licensed dental hygienists seeking a bachelor's degree.

Career Outlook:
Research linking oral health and overall physical health continues to increase the demand for preventive dental care. Nationally, dental hygiene employment is expected to increase 38 percent by 2020, faster than average for all occupations. In Florida, dental hygienists will remain in demand as job growth is expected to grow by more than 30% through 2018.

Dental hygiene programs seeking qualified faculty will require a minimum of a bachelor's degree.

Opportunities:
Graduates of our programs work in dental offices, public health clinics, hospitals, nursing homes, managed care facilities, dental hygiene education, dental and pharmaceutical sales and management.
Source: Bureau of Labor Statistics

Program Related Web Sites

www.spcollege.edu/dental-bas/

Admission Requirements

Please review the **Dental Hygiene B.A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Dental Hygiene B.A.S program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Graduation Requirements

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.
Students must successfully complete all BASDH core courses and Electives, as well as meet all requirements for their AA degree (to include foreign language).

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

ADMISSIONS REQUIREMENT **Lower Division Dental Hygiene**		**Credits**
	Transfer credits	44
	A.S. degree students are required to complete the thirty-six (36) credit general education requirement of St. Petersburg College. Refer to the College Catalog for a list of specific courses for each category below. Lower and Upper division general education must total a minimum of thirty-six (36) credits	36
Total Credits		**44**

MAJOR CORE COURSES **Major Requirements (Complete 34 credits)**		**Credits**
DEH 3730 📄	Dental Hygiene Educational Concepts	3
DEH 3813 📄	Contemporary Issues in Dental Hygiene	4
DEH 3814 📄	Introduction to Dental Hygiene Research	4
DEH 4607 📄	Advanced Periodontics	4
DEH 4851 📄	Practice Management for the Dental Hygienist	3
DEH 4852 📄	Advanced Ethics in Dental Hygiene	3

DEH 4854	Leadership in Dental Hygiene	3
DEH 4947	Dental Hygiene Capstone	7
HSC 3201	Community Health and Epidemiology	3
Total Credits		**34**

MAJOR ELECTIVE COURSES		**Credits**
Elective Courses (Select 6 credits)		
HSA 4191	Health Information Systems	3
HSA 4502	Health Care Risk Management	3
HSC 4640	Legal & Ethical Aspects of Health Care	3
HUS 3370	Issues In Mental Health	3
MAR 4413	Sales and Customer Relationship Management	3
PAD 4232	Grant Administration & Resource Development	3
HUS 4442	Substance Abuse and the Family	3
HUS 4561	Social Problems and Policy	3
MAN 3802	Principles of Entrepreneurship	3
MAN 3301	Public Personnel Management	3
ISM 3011	Management Information Systems	3
Total Credits		**6**

Total Credits	**84**

Notes

Fully Online

PROGRAM OF STUDY
College of Health Sciences
Dental Hygiene Associate in Science
DENHY-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Barbara Mulholland , Academic Chair
Mulholland.Barbara@SPCollege.edu
727-302-6630

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

Fully transferable to Dental Hygiene or Health Services Administration BAS programs at SPC.

Program begins every year in May.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
NA

Program Related Web Sites
NA

Admission Requirements

Please review the **Dental Hygiene Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Dental Hygiene program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Before entering the first term of the Dental Hygiene "program courses" students must complete a minimum of 12 credits from the general education and/or support courses listed below.

Prior to admission, students must complete:
BSC 2085
BSC 2085L
BSC 2086
BSC 2086L
MCB 2010
MCB 2010L

General education and support courses do not have to be taken in the order listed. Candidates will also complete the Health Programs Application form. Please see a counselor or advisor.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	
Completing HUM 1020 will also satisfy the Enhanced World View Requirement	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Mathematics-Core	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

		Credits
	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 🔺	American National Government	3
POS 2041 H 🔺	Honors American National Government	3
AMH 2020 🔺	History of the United States II	3
AMH 2020 H 🔺	Honors History of the US II	3
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

SUPPORT COURSES: Anatomy & Physiology
Complete 8 credits

		Credits
	Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.	
BSC 2085 🔺	Human Anatomy & Physiology I	3
BSC 2085 L 🔺	Human Anatomy & Physiology Lab I	1
BSC 2086 🔺	Human Anatomy & Physiology II	3
BSC 2086 L 🔺	Human Anatomy & Physiology Laboratory II	1
Total Credits		**8**

SUPPORT COURSES
Microbiology (Complete 4 credits)

		Credits
MCB 2010 ⏷	Microbiology	3
MCB 2010 L ⏷	Microbiology Laboratory	1
Total Credits		**4**

SUPPORT COURSES
Psychology (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Social and Behavioral Science requirement for this AS degree.	
PSY 1012 ⏷	General Psychology	3
PSY 1012 H ⏷	Honors General Psychology	3
Total Credits		**3**

MAJOR CORE COURSES
1st Summer Term (Complete 6 credits)

		Credits
DEH 1000 ⏷	Introduction to Dental Hygiene	2
DES 1020 ⏷	Orofacial Anatomy	2
DES 1020 L ⏷	Orofacial Anatomy Laboratory	1
DES 1601 ⏷	Emergencies in Dental Hygiene	1
Total Credits		**6**

MAJOR CORE COURSES
1st Fall Term (Complete 13 credits)

		Credits
DEH 1003 ⏷	Dental Hygiene I	2
DEH 1003 L ⏷	Dental Hygiene I Clinic	4
DEH 1130 ⏷	Oral Histology and Embryology	2
DES 1200 ⏷	Dental Radiography	2
DES 1200 L ⏷	Dental Radiography Laboratory	1
DEH 1720 ⏷	Preventive Dentistry	2
Total Credits		**13**

MAJOR CORE COURSES
1st Spring Term (Complete 12 credits)

		Credits
DEH 1710 ⏷	Biological Chemistry & Applied Nutrition	1
DEH 1800 ⏷	Dental Hygiene II	2
DEH 1800 L ⏷	Dental Hygiene II Clinic	4
DES 2100 ⏷	Dental Materials	2
DES 2100L ⏷	Dental Materials Laboratory	1
DEH 2602 ⏷	Periodontics I	2
Total Credits		**12**

MAJOR CORE COURSES
2nd Summer Term (Complete 6 credits)

		Credits

DEH 2300	Dental Pharmacology	2
DEH 2802 L	Dental Hygiene III Clinic	3
DEH 2802	Dental Hygiene III	1
Total Credits		**6**

MAJOR CORE COURSES **2nd Fall Term (Complete 11 credits)**		**Credits**
DEH 2400	General and Oral Pathology	2
DEH 2701	Community Dental Health	3
DEH 2804 L	Dental Hygiene IV Clinic	4
DEH 2804	Dental Hygiene IV	2
Total Credits		**11**

MAJOR CORE COURSES **2nd Spring Term (Complete 10 credits)**		**Credits**
DEH 2702C *	Community Dental Health Practicum	1
DEH 2806 L	Dental Hygiene V Clinic	5
DEH 2806	Dental Hygiene V	2
DEH 2604	Periodontics II	2
Total Credits		**10**

# Total Credits	**88**

*DEH 2702C is also offered in the 2nd Fall Term internationally as a Learning Abroad in Jamaica Practicum for selected students.

PID 1291

PROGRAM OF STUDY
Fine Arts/Humanities Department
Digital Media Associate in Science
DIG-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1611080103)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Barbara Hubbard, Dean, Humanities & Fine Arts
hubbard.barbara@spcollege.edu

Program Summary

*** THIS PROGRAM IS NO LONGER ADMITTING STUDENTS INTO THE DIGITAL MEDIA/MULTIMEDIA PRESENTATION (DMPRD) OR VIDEO GAME FOUNDATIONS (VGF) SUBPLANS. LAST ADMISSION TERM IS SUMMER 2021 (0590) FOR THESE SUBPLANS *** (5/3/2021)

The Digital Media program at St. Petersburg College meets the needs of one of the fastest growing sectors in the computer industry. Digital Media pertains to the convergence of communication technologies, including television, the World Wide Web, and computer-based interactivity and nonlinear structure. It extends well beyond the scope of the business world. Interactive games, education, CD-ROMs, DVDs, digital video, and dynamic Websites are changing the way we learn and entertain ourselves. The Digital Media program was created in partnership with skilled and talented professionals drawing on their leadership in digital technology. The program was also designed in collaboration with the Interactive Media Technology Project consortium commissioned to update the Student Performance Standards and Curriculum Frameworks for AS/AA degrees throughout Florida. Students enrolled in the program not only receive a well-rounded general education with an emphasis on originality and creativity, but also acquire the specific skills essential to working in today's digital media industry and the future. Graduates from this program will be able to start careers in digital media production, digital video, instructional integration, interactive and educational media production and other areas utilizing digital media technology. Each graduate will be required to create an industry standard digital portfolio that meets the approval of staff and advisory committee member(s). The program is open to all students who show an interest in digital media and who complete the general college admission procedures.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Digital Multimedia Author
Multimedia Artists and Animators
Desktop publisher
Web developers and designers
Film and Video Editors and Camera Operators
Audio and Video Equipment Technicians

http://www.spcollege.edu/digitalarts/

Graduation Requirements

Minimum grade of C or better required for all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required. Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Mathematics-Core	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Natural Sciences - Core	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Ethics	Credits

	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS **Computer/Information Literacy Competency**		**Credits**
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS **Enhanced World View**		**Credits**
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS **Civic Literacy**		**Credits**
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 🔺	American National Government	3
POS 2041 H 🔺	Honors American National Government	3
AMH 2020 🔺	History of the United States II	3
AMH 2020 H 🔺	Honors History of the US II	3
Total Credits		**0**

Minimum grade of C or better required in all courses.

MAJOR CORE COURSES **Complete 24 credits**		**Credits**
DIG 1004 C 🔺	Exploration of Media Tools	3
DIG 2000 ** 🔺	Introduction to Digital Media	3
DIG 2183 C 🔺	Digital Drawing	3
DIG 2131 🔺	Digital Art and Design	2
DIG 2091 🔺	Legal Issues in Media Development	2
DIG 2109 ** 🔺	Digital Imaging Fundamentals	3
DIG 2251 🔺	Sound For Media	2
DIG 2311 🔺	Motion Graphics I	3

DIG 2545	Media Planning	2
DIG 2940	Digital Arts Internship	1 - 3
Total Credits		**24**

MAJOR ELECTIVE COURSES
Select 3 credits.

		Credits
DIG 2030	Survey of Digital Video	3
DIG 2100	Web Design I	3
Total Credits		**3**

SUBPLAN
Select one subplan below (Complete 15 credits)

	Credits
Total Credits	**15**

SUBPLAN CORE COURSES
Subplan: Digital Video Production (DVPRD) (Complete 15 credits)

		Credits
DIG 2200	Basic Video Camera	3
DIG 2205	Basic Video Editing	3
DIG 2284	Advanced Videography	3
DIG 2290	Studio Production & Direction	3
DIG 2410 C	Basic Scripting for Videos	3

SUBPLAN CORE COURSES
Subplan: Digital Graphic Design (DIG) (Complete 15 credits)

		Credits
DIG 2116	Advanced Digital Image Editing	3
DIG 2117	Advanced Digital Image Rendering	3
DIG 2132	Electronic Media Design	3
GRA 1206C	Typography	3
GRA 2201	Advanced Digital Publishing	3

Total Credits	**60**

**Course approved by Employ Florida Banner Center as a "Digital Media Pre-Major" articulation agreement with participating Florida colleges.
**Course approved by Employ Florida Banner Center as a "Digital Media Pre-Major" articulation agreement with participating Florida college

PROGRAM OF STUDY
Fine Arts/Humanities Department
Digital Graphic Certificate without Financial Aid Eligibility
DIG-CT

Effective Catalog Term: Fall 2010 (0430) through Present (CIP# 0650010208)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Barbara Hubbard, Dean, Humanities & Fine Arts
Hubbard.barbara@spcollege.edu

Dr. John Muehl, Acting Academic Chair, SE
Muehl.John@spcollege.edu
(727) 341-3730

Program Summary

Based upon equipment and demand, some computer courses may be taught at only one site.

SPC's digital media certificates are considered "stackable" and require sequential completion. PRIOR TO ENROLLING IN THE DIGITAL GRAPHIC CERTIFICATE STUDENTS MUST COMPLETE ALL COURSEWORK IN THE DIGITAL MEDIA/MULTIMEDIA FOUNDATIONS CERTIFICATE (15 CREDITS). Prior to enrolling in the Digital Graphic certificate students must complete all foundational courses in the Digital Media MultiMedia Foundations.

The Digital Graphic Certificate prepares students to work with computer technology for desktop design, publishing and presentations. Learning the latest technological advances in digital media including innovations in 2-D, motion graphics and interactive web, students earning this certificate will be qualified to work in secretarial, technical, design and professional positions in which the ability to create Web-based, digital media and print quality graphics is required.

This program is aimed for the degreed student, for employee enrichment and for individuals currently working in the field who wish to update and broaden their design and computer skills.

All courses apply toward the AS degree in Digital Arts, Media and Interactive Web Design,-Digital Media Production subplan.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

- Graphic Designer
- Technical Coordinator
- Desktop Publisher
- Digital Multimedia Designer
- Media Production Development
- Digital Media Project Assistant
- Motion Graphics Designer
- Interactive Media Designer

MAJOR CORE COURSES		Credits
DIG 2116	Advanced Digital Image Editing	3
DIG 2117	Advanced Digital Image Rendering	3
DIG 2132	Electronic Media Design	3
GRA 1206C	Typography	3
GRA 2201	Advanced Digital Publishing	3
Total Credits		**15**

Total Credits	**15**

PROGRAM OF STUDY
College of Public Safety Administration
Digital Forensics and Computer Investigations Associate in Science
DIGFORN-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1743040300)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Kevin Thomas, Lead Instructor
(727) 341-4540

Susan Demers, Dean

Program Summary

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

This is a professional training program which will provide the student with skills in researching, investigating, using computer software, interpreting laws, and using the Internet as an investigative tool. The goal of this program is to prepare successful students for careers in corporate computer security investigation or similar careers in computer security and law enforcement. Also the courses have been aligned with industry certifications.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Graduation Requirements

Minimum grade of "C" required in all Support and Major courses

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⅃	American National Government	3
POS 2041 H ⅃	Honors American National Government	3
AMH 2020 ⅃	History of the United States II	3
AMH 2020 H ⅃	Honors History of the US II	3
Total Credits		**0**

MAJOR CORE COURSES
Complete 42 credits

		Credits
CCJ 1020 ⅃	Introduction to Criminal Justice	3
CJE 1680 ⅃	Introduction to Computer Related Crime Investigations	3
CJE 1681 ⅃	Internet as an Investigative Tool	3
CJE 1669 ⅃	Identity Theft Investigations	3
CJE 1682 ⅃	Tracking and Profiling Hackers, Pedophiles and Internet Stalkers	3
CJE 1684 ⅃	Internet Fraud Investigations	3
CJE 1685 ⅃	Legal Aspects of Computer Related Criminal Investigations	3
CJE 1686 ⅃	Forensic Computer Related Crime Investigations	3
CJE 1687 ⅃	Computer Software Piracy and Copyright Infringement	3
CET 1171 C ⅃	Computer Repair Essentials	3
CET 1172 C ⅃	Computer Support Technician	3
CIS 1358 ⅃	Operating System Security	3
CIS 2352 ⅃	Ethical Hacking	3
CTS 1120 ⅃	Network Security Foundations	3
Total Credits		**42**

Total Credits	**60**

PROGRAM OF STUDY
Fine Arts/Humanities Department
Digital Media/Multimedia Foundations Certificate without Financial Aid Eligibility
DMFND-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Barbara Hubbard, Dean, Humanities & Fine Arts
hubbard.barbara@spcollege.edu

John Muehl, Acting Academic Chair
(727) 341-3730

Program Summary

The Digital Media/Multimedia Foundations certificate program introduces students to one of the fastest growing sectors in the computer industry. It is the foundational certificate for the Digital Arts, Media and Interactive Web Design (DIG-AS) program. Digital Media pertains to the convergence of communication technologies, including television, the World Wide Web, and computer-based interactivity and nonlinear structure. It extends well beyond the scope of the business world. Interactive games, education, CD-ROMs, DVDs, digital video, and dynamic Websites are changing the way we learn and entertain ourselves. The program was created in partnership with skilled and talented professionals drawing on their leadership in digital technology. The program was also designed in collaboration with the Interactive Media Technology Project consortium commissioned to update the Student Performance Standards and Curriculum Frameworks for AS/AA degrees throughout Florida. Students enrolled in the program not only get on track to receive a well-rounded general education with an emphasis on originality and creativity, but also acquire the specific skills essential to working in today's digital media industry and the future.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Digital Multimedia Author, Multimedia Artists and Animators , Desktop Publisher, Web Developers and Designers, Film and Video Editors, Camera Operators, Audio and Video Equipment Technicians

MAJOR CORE COURSES Complete 15 credits:		Credits
DIG 1004 C	Exploration of Media Tools	3
DIG 2000	Introduction to Digital Media	3
DIG 2100	Web Design I	3

DIG 2109	Digital Imaging Fundamentals	3
DIG 2030	Survey of Digital Video	3
Total Credits		**15**

Total Credits	**15**

PROGRAM OF STUDY
Fine Arts/Humanities Department
Digital Media Video Production Certificate without Financial Aid Eligibility
DVPRD-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Barbara Hubbard, Dean, Humanities & Fine Arts
hubbard.barbara@spcollege.edu

Dr. John Muehl, Acting Academic Chair, SE
(727) 341-3730

Program Summary

This certificate is designed to prepare students to produce complex digital video tape presentations for 'on' or 'off' air. Students will be exposed to hands-on training in several aspects of digital videography including: professional video camera operation, on and off-line editing, scripting, lighting, program directing and producing.

All courses apply towards the AS degree in Digital Arts, Media and Interactive Web Design – Digital Video Production subplan. Some courses may require a prerequisite that must be met by the student.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Videographer, Video Editor, Camera Operator, Production Assistant, Associate Producer, Studio Technician, Floor Director, Gaffer, Assistant Camera

MAJOR CORE COURSES		Credits
DIG 2030	Survey of Digital Video	3
DIG 2200	Basic Video Camera	3
DIG 2205	Basic Video Editing	3
DIG 2284	Advanced Videography	3
Total Credits		**12**

Total Credits	**12**

PROGRAM OF STUDY
College of Public Safety Administration
Emergency Administration and Management Associate in Science
EAM-AS

Effective Catalog Term: Fall 2022 (0610) through (0) (CIP# 1743030200)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
publicsafetyadvising@spcollege.edu -, -

Geoffrey Brown, Instructor-in-Charge
brown.geoffrey@spcollege.edu
727-341-4120

Susan Demers, Dean

Program Summary

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

The Associate in Science degree program allows students to not only graduate with an AS degree, but also be able to meet the entrance requirements to continue the BAS degree in Public Safety. Additional information on the PSA-BAS degree may be found here.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

A degree designed for:

•Risk managers in the private and public sectors as well as those responsible for hazard assessment, OSHA, SARA compliance, and emergency response (including volunteer agencies).
•Emergency professionals who will be relied upon to protect the public in the event of a major emergency. This includes paid and volunteer firefighters, police officers, emergency medical service workers, public works officials and private industrial safety managers.
•Governmental and industrial emergency planners who must prepare for potential emergencies by designing procedures, buying equipment and - in some cases - predicting possible disasters.
•Aspiring emergency professionals seeking a broad-based education in the procedures for coping with daily emergencies and major disasters.
•Emergency professionals who need additional skills to prepare for management opportunities.

Graduation Requirements

Minimum Grade of "C" in all Support and Major courses.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	**Credits**
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required. Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	**Credits**
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	**Credits**
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	**Credits**
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Natural Sciences - Core**	**Credits**
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏎	American National Government	3
POS 2041 H ⏎	Honors American National Government	3
AMH 2020 ⏎	History of the United States II	3
AMH 2020 H ⏎	Honors History of the US II	3
Total Credits		**0**

MAJOR CORE COURSES
Complete 9 credits

		Credits
FFP 2740 ⏎	Fire Service Course Delivery	3
FFP 2741 ⏎	Fire Service Course Design	3
FFP 2881 ⏎	Emergency Management Leadership and Administration	3
Total Credits		**9**

SUBPLAN
Select one subplan from below (Complete 33 credits)

	Credits
Total Credits	**33**

SUBPLAN CORE COURSES
Subplan: Emergency Administration & Management (EAM) (Complete 24 credits)

	Credits

DSC 1002	Domestic & International Terrorism	3
DSC 1004	Introduction to the NRF and NIMS	3
FFP 1830	Introduction to Hazards	3
FFP 2800	Emergency Management Public Education Programs	3
FFP 2801	Fundamentals of Emergency Management	3
DSC 1552	Critical Infrastructure Protection	3
FFP 2840	Disaster Recovery Operations	3
FFP 2841	Contingency Planning for Business and Industry	3

SUBPLAN ELECTIVE COURSES

Subplan: Emergency Administration & Management (EAM) (Select 9 credits)		Credits
	Select any FFP or DSC course not in your chosen track.	9

SUBPLAN CORE COURSES

Subplan: Homeland Security (HLS) (Complete 24 credits)		Credits
DSC 1002	Domestic & International Terrorism	3
DSC 1004	Introduction to the NRF and NIMS	3
DSC 1033	Weapons of Mass Destruction	3
DSC 1222	Psychological Management of Weapons Of Mass Destruction Victims	3
DSC 1552	Critical Infrastructure Protection	3
DSC 1562	Homeland Security Threat Strategy	3
DSC 1631	Terrorism Response Planning	3
DSC 1751	Homeland Security Policy & Law	3

SUBPLAN ELECTIVE COURSES

Subplan: Homeland Security (HLS) (Select 9 credits)		Credits
	Select any FFP or DSC course not in your chosen track	9

Total Credits	**60**

PID 1302

PROGRAM OF STUDY
College of Public Safety Administration
Emergency Management Advanced Technical Certificate with Financial Aid Eligibility
EAM-ATC

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Susan Demers, Dean
n/a
n/a

Geoffrey Brown, Lead Instructor
(727)241-4120

Program Advisor, Advisor
publicsafetyadvising@spcollege.edu
NA

Program Summary
Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

This Advanced Technical Certificate provides professionals in the EMS, Fire, Law Enforcement, Public Health and other related occupations an advanced level of training in emergency management and disaster preparedness. Recent natural disasters and state emergencies have highlighted the need communities have to serve vulnerable populations during these crises. This need exists across a wide range of occupations that respond to such disaster situations. Emergency management directors prepare plans and procedures for responding to natural disasters and other emergencies. They also help lead the response during and after emergencies, often in coordination with public safety officials, elected officials, nonprofit organizations, and government agencies. This program is intended for students who have already attained an A.S. degree in the area of public safety or emergency management. Some courses in this ATC may apply towards the Public Safety Administration BAS degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements
Applicants must have an A.S. degree in an emergency management related field.

<u>Graduation Requirements</u>

Completion of all coursework with a grade of "C" or higher.

MAJOR CORE COURSES
Complete 17 credits

		Credits
HSA 2001 📄	Interprofessional Team Based Health Care	2
FES 3823 📄	Planning Methodology for Hazard Mitigation	3
FES 3833 📄	Emerging Issues in Environmental Disaster Management	3
FES 4014 📄	Evolution of Emergency Management	3
PAD 4393 📄	Critical Incident Management	3
HSC 4640 📄	Legal & Ethical Aspects of Health Care	3
Total Credits		**17**

Total Credits	**17**

<u>Notes</u>

Fully Online.

PID 1098

College of Public Safety Administration
Emergency Administration and Management Certificate with Financial Aid Eligibility
EAM-CT

Effective Catalog Term: Spring 2021 (0585) through Present (CIP# 0743030201)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

publicsafetyadvising@spcollege.edu -, -

Geoffrey Brown, Instructor-in-Charge
brown.geoffrey@spcollege.edu
(727) 341-4120

Susan Demers, Dean

Program Summary

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

Emergency Administration and Management (EAM) is a comprehensive certificate focused on policy, planning, and administration of emergency response teams. This certificate integrates the practical, technical, and communication aspects of emergency management. Program participants will gain an understanding of problems facing response teams, learn to write emergency plans according to state and federal guidelines, and build communications skills as crisis advisors. These courses apply towards the Emergency Administration and Management Associate in Science degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Risk Manager in private and public organizations
• OSHA, SARA, and Emergency Response Director
• Professionals interested in emergency response training and management
• Governmental and industrial emergency planner

Graduation Requirements

A minimum grade of "C" in all Support and Major courses.

MAJOR CORE COURSES   **Credits**

FFP 1830 ⬚   Introduction to Hazards   3
FFP 2800 ⬚   Emergency Management Public Education Programs   3
FFP 2801 ⬚   Fundamentals of Emergency Management   3
DSC 1552 ⬚   Critical Infrastructure Protection   3
FFP 2840 ⬚   Disaster Recovery Operations   3
FFP 2841 ⬚   Contingency Planning for Business and Industry   3
DSC 1002 ⬚   Domestic & International Terrorism   3
DSC 1004 ⬚   Introduction to the NRF and NIMS   3
Total Credits   **24**

Total Credits	**24**

PROGRAM OF STUDY
College of Education
Educational Studies and Community Leadership Bachelor of Science
EDST-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1101399991)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Andrea Kelly, Associate Dean
kelly.andrea@spcollege.edu
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Program Summary

This program is offered as a Fully Online program.

Our Bachelor of Science in Educational Studies and Community Leadership is an interdisciplinary program. Students seeking jobs in non-school settings benefit from portions of the essential knowledge and skills associated with the field of education. The Educational Studies and Community Leadership major has been specifically designed for students who want to deepen their understanding of the learning and teaching process, yet seek careers in non-school settings.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Graduates of the Educational Studies and Community Leadership program can seek employment as a trainer, evaluator, policy analyst, researcher, fundraiser, among others, in community programs serving children and families, workforce development, religious centers, rehabilitative services, adult education centers, charities, prisons, and hospitals.

They also can pursue graduate or professional studies in areas such as public administration, education administration, educational policy, educational research, fundraising and philanthropic studies, law, international diplomacy, comparative and international education, social work, staff development, non-profit organizations and entrepreneurship.

Program Related Web Sites

N/A

Admission Requirements

[Bachelor's Degree Admission Guides](#) outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

A cumulative GPA of 2.0 or higher is required for graduation.

Important notice to current Baccalaureate students: To view a list of the classes you need to take before you can graduate, login to MySPC and choose My Learning Plan. Contact your academic advisor with any questions.

*NOTE: FLDOE removed State Mandated Prerequisite course EDF 1005, May 2018.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

AA GENERAL EDUCATION REQUIREMENTS	Credits
Total Credits	**60**

MAJOR CORE COURSES Complete 23 credits		Credits
EDF 3660	Education and Public Policy in the United States	3
EDF 4632	Sociology of Education	3
EDF 4810	Comparative and International Education	3
GEB 3213	Business Communication for Professional Effectiveness	3
TSL 3080	ESOL Issues: Principles and Practices I K - 12	3
EDF 4650	Health, Safety, & Ethics in Youth & Family Settings	2
MAN 4102	Managing Cultural Diversity	3
EDF 3152	Nature of the Learner	3
Total Credits		**23**

SUBPLAN Select ONE subplan from below (Complete 37 credits)	Credits
Total Credits	**37**

SUBPLAN CORE COURSES Interdisciplinary Studies (IDS) (Complete 37 credits)		Credits
EDF 4604	Education in America	3
EDF 3214	Student Development and Learning Principles K-12	3
EDF 4084	Cultural & Social Foundations of Education	3
EDF 4731	Youth Administration & Leadership Communication Techniques	3
EDF 4754	Theoretical & Practical Issues in Education	3
EEX 3012	Nature and Needs of Exceptional Students K-12	3
MAN 3301	Public Personnel Management	3

MAN 4625	Managing Global Human Resources	3
PAD 4232	Grant Administration & Resource Development	3
EDF 4123	Design & Implementation of Youth Programs	3
EDF 4430	Measurement, Evaluation and Assessment in Education K-12	3
EDG 4940	EDST Internship	4

SUBPLAN CORE COURSES
Preschool Education (Birth to Age 4) (PREEDU) (Complete 37 credits)

		Credits
EEC 3005	Child Growth and Development in Early Childhood	3
EEC 3009	Foundations of Early Childhood and Education	3
EEC 3204	Curriculum in Early Childhood Education	3
EEC 3403	Young Children with Special Needs	3
EEC 3413	Working With Diverse Families in Early Childhood Education	3
EEC 4207	Assessment and Evaluation of Young Children	3
EEC 4212	STEM in Early Childhood	3
EEC 4227	Creative Arts for Early Childhood Education	3
EEC 4408	Family, Teacher, and Community Relations in Early Childhood Education	3
EEC 4706	Early and Emergent Literacy in Early Childhood	3
EEC 3266	Program Planning for Infants & Toddlers	3
EEC 4948	Early Childhood Education Internship	4

SUBPLAN CORE COURSES
Educational Interpreting (SLIP) (Complete 37 credits)

		Credits
EDF 4430	Measurement, Evaluation and Assessment in Education K-12	3
INT 3004	Fundamentals of Interpreting	3
INT 3205 C	Introduction to Interpreting	4
INT 4260	Simultaneous Interpreting Skills	4
INT 3406	Sign to Voice (ASL/English) Interpreting	3
INT 3270	Consecutive Interpreting Skills	4
INT 3407	Advanced Sign to Voice (ASL/English) Interpreting	3
INT 4211	Transliterating	3
INT 3404	Advanced ASL Interpreting and Translation in Educational Settings	3
INT 3403	Issues in Educational Interpreting	3
INT 4944	Interpreting Internship	4

Total Credits	**120**

<u>Notes</u>
Fully Online

PROGRAM OF STUDY
Engineering and Building Arts Department
Electronics Aide Certificate without Financial Aid Eligibility
ELECT-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

This program offers a sequence of courses in electronics that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in manufacturing and electronics. This college credit certificate is designed to help students enter the workforce with definable skills and knowledge in DC and AC circuits, digital circuits, and solid state devices. The certificate can be done as a stand-alone program or in tandem with the Engineering Technology AS degree in Electronics.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Electronics technicians fill a wide range of needs in manufacturing and for-service providers. Biomedical device companies need electronics technicians to service faulty equipment and hospitals need technicians to keep the life saving electronics equipment running correctly. Aerospace providers, like Jabil and Lockheed Martin, need electronics technicians to test equipment and problem solve possible solutions to ensure a reliable product is delivered to their customers.

MAJOR CORE COURSES Complete 12 credits		Credits
EET 2140 C	Solid State Electronics with Lab	4
CET 1114 C [1]	Digital Fundamentals with Lab	4
EET 2155 C	Linear Integrated Circuits with Lab	4
Total Credits		**12**

Total Credits	12

[1]This course has a prerequisite of EET 1084C - Introduction to Electronics.

PROGRAM OF STUDY
College of Education
Elementary Education (K-6) with Infused ESOL & Reading Endorsements Bachelor of Science
ELEDR-BS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kimberly Hartman, Dean
hartman.kimberly@spcollege.edu
(727) 712-5890

Program Summary

This program is offered as a Fully Online program.

This teacher preparation program combines college coursework related to the elementary content, the pedagogy of teaching and practical, school-based experiences to prepare you for professional certification to teach in an elementary classroom grade K-6. Graduates earn a Bachelor of Science in Elementary Education (K-6) and will be endorsed in both Reading an ESOL. Courses with an * include school-based hours.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Elementary Education Teacher in grades K-6

Program Related Web Sites

N/A

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

GRADE OF "C" OR HIGHER REQUIRED FOR ALL COURSES

CULTURAL DIVERSITY: (6 credits)
Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

G.P.A.:
For admission and graduation a cumulative GPA of 2.5 or higher is required.

Completing all program requirements, including ESOL, demonstrating competency in the Florida Educator Accomplished Practices (FEAPS) at the pre-professional level, passing all sections of the Florida Teacher Certification Examination (FTCE), and passing the final internship are conditions of graduation.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or an academic advisor.

ADMISSIONS REQUIREMENT AA Degree (60 credits)	Credits
In addition to the State Mandated prerequisite course listed below, students are required to complete the general education (Associates of Arts Degree) that corresponds with their catalog year/requirement term. Students who have earned a previous AA or bachelor's degree should consult an advisor for transcript review.	
Total Credits	**60**

STATE MANDATED PREREQUISITES EDUCATION PREREQUISITES	Credits
EDF 1005 * 🔺 Introduction to Education	3

MAJOR CORE COURSES Core Requirements (Complete 23 credits)	Credits
EDE 4940 * 🔺 Internship: Elementary Education	12
EDF 4430 🔺 Measurement, Evaluation and Assessment in Education K-12	3
EDF 3150 ** 🔺 Learning Theory and Student Development	1
EDG 3410 🔺 Classroom Management and Communication K-12	3
EEX 3012 * 🔺 Nature and Needs of Exceptional Students K-12	3
RED 4940 * 🔺 Final Reading Internship	1
Total Credits	**23**

MAJOR CORE COURSES Major Requirements (Complete 31 credits)	Credits

EDE 4226	Integrated English Language Arts, Social Studies and Creative Arts for the Elementary Classroom	4
EDE 4304	Integrated Mathematics and Science	4
EDE 4942 *	Integrated English Language Arts, Social Studies and Creative Arts for the Elementary Classroom Practicum	1
EDE 4943 *	Integrated Mathematics and Science Practicum	1
EDG 3620	Curriculum and Instruction	3
RED 3309 *	Early and Emergent Literacy K-2	3
RED 4511 *	Intermediate Literacy 3-6: Reading, Writing and Thinking	3
RED 4519 *	Diagnosis and Intervention in Reading for Diverse Students K-12	3
MAE 4114 *	Mathematics Content for the Elementary Grades	3
SCE 4113	Science Concepts in the Elementary Classroom	3
SSE 4112	Social Studies Content in the Elementary Classroom	3
Total Credits		**31**

MAJOR CORE COURSES

ESOL Requirements (Complete 6 Credits)		Credits
TSL 3080 *	ESOL Issues: Principles and Practices I K - 12	3
TSL 4081 *	ESOL Issues: Principles & Practices II K-12	3
TSL 4939	ESOL Capstone	
Total Credits		**6**

Total Credits	**120**

*School-based hours in major total 220 clinical clock hours plus a 15-week internship in Elementary Education and Reading.
**Course under development, pending C&I approval

<u>Notes</u>

Fully Online.

PID 1336

PROGRAM OF STUDY
College of Health Sciences
Emergency Medical Services Associate in Science
EMS-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Ralph Sibbio, EMS Program Director
EMS@spcollege.edu

For EMS program information, please contact, -
hec_advising@spcollege.edu

Program Summary

The AS degree is available to certified paramedics with transferable credit. The paramedic is an allied health professional whose primary focus is to provide advanced emergency medical care for critical and emergent patients who access the emergency medical system. This individual possesses the complex knowledge and skills necessary to provide patient care and transportation. Paramedics function as part of a comprehensive EMS response, under medical oversight. Paramedics perform interventions with the basic and advanced equipment typically found on an ambulance. The paramedic is a link from the scene into the health care system.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

General Education and Support courses do not have to be taken in the order listed. Candidates will also complete the Health Programs Application form. Please see a student support specialist at HEC (see https://go.spcollege.edu/HealthAdvising/).

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core   **Credits**

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Psychology (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Social and Behavioral Science requirement for this AS degree.	
PSY 1012 ⏷	General Psychology	3
PSY 1012 H ⏷	Honors General Psychology	3
Total Credits		**3**

SUPPORT COURSES
Complete 4 credits

		Credits
BSC 2085 ⏷	Human Anatomy & Physiology I	3
BSC 2085 L ⏷	Human Anatomy & Physiology Lab I	1
Total Credits		**4**

SUPPORT COURSES
Computer and Information Literacy Requirement (Complete 1 credit)

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. Completion of this requirement satisfies the General Education Computer Competency requirement for this AS degree.	
CGS 1070 ⏷	Basic Computer and Information Literacy	1
CGS 1100 ⏷	Computer Applications	3
CGS 1309 ⏷	Computer and Information Technology Concepts	3
EME 2040 ⏷	Introduction to Educational Technology	3
MUM 1001 ⏷	Apple Macintosh Foundations	1
Total Credits		**1**

MAJOR CORE COURSES
1st Term in Program (Complete 12 credits)

		Credits
EMS 1119 ⏷	Fundamentals of Emergency Medical Care	6
EMS 1119 L ⏷	Fundamentals of Emergency Medical Care Lab	2

EMS 1411 ⬇	Fundamentals of Emergency Medical Care Clinical Experience	2
EMS 1421 ⬇	EMT Field Internship	2
Total Credits		**12**

MAJOR CORE COURSES
2rd Term in Program (Complete 15 credits)

		Credits
EMS 2601 ⬇	Paramedic Theory I	8
EMS 2601 L ⬇	Paramedic Laboratory I	4
EMS 2664 ⬇	Paramedic Clinical I	3
Total Credits		**15**

MAJOR CORE COURSES
3rd Term in Program (Complete 16 credits)

		Credits
EMS 2602 ⬇	Paramedic Theory II	8
EMS 2602 L ⬇	Paramedic Laboratory II	4
EMS 2665 ⬇	Paramedic Clinical II	4
Total Credits		**16**

MAJOR CORE COURSES
4th Term in Program (Complete 7 credits)

		Credits
EMS 2659 C ⬇	Paramedic Field Internship	7
Total Credits		**7**

Total Credits	**73**

PROGRAM OF STUDY
College of Health Sciences
Emergency Medical Technician Applied Technology Diploma without Financial Aid Eligibility
EMT-ATD

Effective Catalog Term: Fall 2016 (0520) through Present (CIP# 0351090408)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Ralph Sibbio, EMS Program Director
EMS@spcollege.edu

For EMT program information, please contact, -
hec_advising@spcollege.edu

Program Summary

This program is designed to produce Emergency Medical Technicians (EMTs), whose job it is to deliver the pre-hospital, life support care and transportation necessary for victims of accidents and emergency illness. The primary focus of the Emergency Medical Technician is to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. Emergency Medical Technicians function as part of a comprehensive EMS response, under medical oversight. Emergency Medical Technicians perform interventions with the basic equipment typically found on an ambulance.

The Emergency Medical Technician is a link from the scene to the emergency health care system. Successful completion of the prescribed courses and the awarding of a diploma of completion means eligibility to take either the State of Florida examination for certification or National Registry exam for certification as an EMT-Basic. See admission requirements in BOT Rule 6Hx23-4.55.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

The primary focus of the Emergency Medical Technician is to provide basic emergency medical care and transportation for critical and emergent patients who access the emergency medical system. This individual possesses the basic knowledge and skills necessary to provide patient care and transportation. Emergency Medical Technicians function as part of a comprehensive EMS response, under medical oversight. Emergency Medical Technicians perform interventions with the basic equipment typically found on an ambulance. The Emergency Medical Technician is a link from the scene to the emergency health care system. EMTs are often partnered with paramedics in the prehospital setting.

Admission Requirements

Please review the **Emergency Medical Technician A.T.D. -- Day Admission Guide** or the **Emergency Medical Technician A.T.D. -- Evening Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Emergency Medical Technician A.T.D program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

See admission requirements in BOT Rule 6Hx23-4.55.

Graduation Requirements

Grade of "C" or better required in ALL courses.

MAJOR CORE COURSES		Credits
EMS 1119	Fundamentals of Emergency Medical Care	6
EMS 1119 L	Fundamentals of Emergency Medical Care Lab	2
EMS 1411	Fundamentals of Emergency Medical Care Clinical Experience	2
EMS 1421	EMT Field Internship	2
Total Credits		**12**

Total Credits	**12**

PID 572

PROGRAM OF STUDY
Engineering and Building Arts Department
Applied Engineering Technology Associate in Science
ENG-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1615000001)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

This degree is a sequence of instruction with four sub plans to choose from: electronics, Lean Six Sigma quality, advanced manufacturing, and digital design and modeling. All applied engineering technology students take a common core of six classes (18 credit hours) that gives them a background in safety, quality assurance, metrology, CAD, electronics, and materials. Students will start taking classes in their sub plan right away along with their core and general education courses. There are opportunities to gain industry certifications, attend guest lectures, participate in field trips to local employers, and network with other students. Internships are also available and required for electronics, advanced manufacturing, and digital design and modeling.

Our mission is to provide hands-on, relevant coursework in a supportive and creative learning environment. We will prepare students for employment, or provide additional training for currently employed students, in manufacturing, healthcare, electronics, aerospace, or other related industries.

The 18 credit hour technical core has also been aligned with the Manufacturing Skills Standards Council's (MSSC) Certified Production Technician (CPT) certification. After completing the core courses, students will be eligible to take the four exams for CPT certification. The graduates of the Engineering Technology A.S. Program can transfer to universities and colleges offering the B.S. degree in Engineering Technology.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Students with an Applied Engineering Technology A.S. degree qualify for positions like electronics technician, electronics repair, electronics assembly and testing, CAD designer, CAD drafter, Rapid prototyper and designer, mechanical part designer, quality assurance technician, quality assurance manager, quality control inspector, Lean/Six Sigma group leader, biomedical device repair, biomedical device technician, mechatronics technician, electro-mechanical technician, industrial maintenance technician, production operator.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Mathematics-Core	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Ethics	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Natural Sciences - Core	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3

Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

Credits

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

Credits

Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.

POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

MAJOR CORE COURSES
Technology Core (Complete 18 credits)

Credits

EET 1084 C ⏷	Introduction to Electronics	3
ETD 1320 C ⏷	Introduction to CAD	3
ETI 1110 ⏷	Introduction to Quality Assurance	3
ETI 1420 ⏷	Manufacturing Processes and Materials I	3
ETI 1701 ⏷	Industrial Safety	3
ETM 1010 C ⏷	Mechanical Measurement	3
Total Credits		**18**

SUBPLAN
Select one subplan from below (Complete 24 credits)

Credits

Total Credits		**24**

SUBPLAN CORE COURSES
Subplan: Electronics (ELEC) (Complete 21 credits)

Course	Title	Credits
CET 1114 C	Digital Fundamentals with Lab	4
EET 1035 C	AC/DC Circuits with Lab	3
EET 2140 C	Solid State Electronics with Lab	4
EET 2155 C	Linear Integrated Circuits with Lab	4
EET 2949	Engineering Technology Work Experience	3
ETS 1542 C	Programmable Logic Controllers (PLCs)	3

SUBPLAN ELECTIVE COURSES
Subplan: Electronics (ELEC) (Select 3 credits)

Course	Title	Credits
ETS 1511 C	Motors and Controls	3
ETS 1535 C	Automation and Sensors	3
ETS 2424 C	Electro-Mechanical Systems	3
ETS 2604 C	Robotics	3

SUBPLAN CORE COURSES
Subplan: Quality (QUAL) (Complete 24 credits)

Course	Title	Credits
ETI 1100	Statistical Process Control	3
ETI 1622	Intro to Lean Six Sigma	3
ETI 1628	Process Improvement Teams	3
ETI 2610	Six Sigma Methodology and Tools	3
ETI 2623	Lean Systems	3
STA 2023	Elementary Statistics	3
MAN 2582	Introduction to Project Management	3
EET 2949	Engineering Technology Work Experience	3

SUBPLAN CORE COURSES
Subplan: Digital Design and Modeling (DDM) (Complete 18 credits)

Course	Title	Credits
ETD 1390 C	Introduction to Architectural Revit	3
or		
ETD 1350 C	AutoCAD Inventor (3D modeling)	3
and		
EET 2949	Engineering Technology Work Experience	3
ETD 1340 C	AutoCAD II	3
ETD 2364 C	Introduction to SolidWorks	3
ETD 2368 C	Advanced Solidworks	3
ETD 2369 C	SolidWorks Applications	3

SUBPLAN ELECTIVE COURSES
Subplan: Digital Design and Modeling (DDM) (Select 6 credits)

	Credits
Complete 6 credits of ETD prefix courses not required as Subplan Core Courses.	6

SUBPLAN CORE COURSES
Subplan: Advanced Manufacturing (MANU) (Complete 21 credits)

		Credits
ETS 1511 C	Motors and Controls	3
ETS 1542 C	Programmable Logic Controllers (PLCs)	3
ETS 2604 C	Robotics	3
ETS 1535 C	Automation and Sensors	3
EET 1035 C	AC/DC Circuits with Lab	3
ETM 2315 C	Fluid Power	3
EET 2949	Engineering Technology Work Experience	3

SUBPLAN ELECTIVE COURSES
Subplan: Advanced Manufacturing (MANU) (Select 3 credits)

	Credits
Complete CNT 1000 OR any 3 credit course with a prefix of EET, ETD or ETI that is not a required Subplan Core Course.	3

Total Credits	**60**

Engineering and Building Arts Department
Engineering Technology Support Certificate with Financial Aid Eligibility
ENGTECH-CT

Effective Catalog Term: Fall 2007 (0385) through Present (CIP# 0615000007)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

The purpose of this certificate is to prepare students for initial employment with an occupational title as Engineering Support Specialist or Engineering Specialist in various specialized areas to support engineering design, manufacturing processes and production, testing, and/or maintaining product quality, or to provide supplemental training for persons previously or currently employed in these occupational areas.

This 18 credit hour certificate has been defined to align with the Manufacturing Skills Standards Council's (MSSC) skills standards. MSSC skill standards define the knowledge, skills, and performance needed by today's frontline manufacturing workers. After completing this core and the General Education requirements in the A.S. degree, it is anticipated that students will be prepared to pass the MSSC Production Technician Certification.

These courses are also part of the 60-credit hour Associate in Science Degree in Engineering Technology.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Engineering Support Specialist
• Engineering Technician
• Process Technician
• Quality Specialist
• Manufacturing Specialist

MAJOR CORE COURSES		Credits
EET 1084 C 📄	Introduction to Electronics	3

ETD 1320 C ⃧	Introduction to CAD	3
ETI 1110 ⃧	Introduction to Quality Assurance	3
ETI 1420 ⃧	Manufacturing Processes and Materials I	3
ETI 1701 ⃧	Industrial Safety	3
ETM 1010 C ⃧	Mechanical Measurement	3
Total Credits		**18**

Total Credits	**18**

PROGRAM OF STUDY
College of Business
Business Entrepreneurship Certificate without Financial Aid Eligibility
ENTR-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu

Nicolle Panuthos, MBA, Program Director, Downtown/Seminole
Panuthos.nicolle@spcollege.edu
(727)-394-6266

Program Summary

This program is offered as a Fully Online program.

The Entrepreneurship courses identified in this Certificate program will apply towards the Business Administration AS degree. These courses will cover the areas of entrepreneurship from management and marketing to developing strategies for business plans.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

There are no admissions requirements for this program.

MAJOR CORE COURSES		Credits
ENT 1000	Intro to Entrepreneurship	3
ENT 1012	Entrepreneurship Management	3
ENT 2010	Planning the Entrepreneurial Venture	3
ENT 2120	Entrepreneurial Marketing and Sales	3
Total Credits		**12**

Total Credits	**12**

<u>Notes</u>
Fully Online

PROGRAM OF STUDY
Natural Science Department
Environmental Science Technology Associate in Science
ENVSC-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1703010401)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Natavia Middleton, Dean
middleton.natavia@spcollege.edu
(727) 398-8288

Program Summary

As the world around us grows more complex, so too does our need to take care of it. Gain the scientific background of how we impact the environment and how society tries to keep it in check through environmental regulation and compliance.

This A.S. degree in Environmental Science Technology gives you:
- A choice of two specializations: water resource management or environmental resources conservation
- Enhanced earning potential
- Knowledge of green practices
- The ability to help your organization meet environmental standards
- Knowledge of how to manage air and water pollution remediation
- Awareness of environmental regulations and compliance
- The ability to operate and calibrate lab and field instruments for quantitative and qualitative analysis of pollutants

This 64-credit-hour A.S. degree transfers to SPC's Bachelor of Applied Science in Sustainability Management.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Students will be prepared to enter the workforce as an environmental technician in:

Federal, state, county and local government agencies

Water (including storm water, wastewater, desalination) Treatment Plants

Utilities (Waste-to-Energy facilities, Renewable Energy, Energy companies)

Non-profit organizations (parks, preserves, educational, conservation and grass-root organizations)

Private Environmental Monitoring/Consulting Laboratories

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Communications - Speech**	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	Credits

	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3
AMH 2020	History of the United States II	3
AMH 2020 H	Honors History of the US II	3
Total Credits		**0**

MAJOR CORE COURSES
Complete 23 credits

		Credits
BSC 2250 C	Field Biology of Florida with Lab	3
CHM 1025	Introductory Chemistry	3
CHM 1025 L	Introductory Chemistry Lab	1
ENC 2210	Technical Writing	3
ESC 1000 C	Earth Science	3
EVR 1001 C	Introduction to Environmental Science	3
EVR 2892 C	Environmental Sampling and Analysis I	3
GIS 2040	Introduction to Geographic Information Systems	3
EVR 2910	Undergraduate Research in Environmental Science	1

or

EVR 2930 ⏚	Special Topics in Environmental Science	1
Total Credits		**23**

MAJOR ELECTIVE COURSES
Biology (Select 3 credits)

		Credits
OCE 2001 ⏚	Introduction to Oceanography	3
OCB 1000 C ⏚	Biology of Marine Life	3
Total Credits		**3**

SUBPLAN
Select one subplan from below (Complete 20 credits)

	Credits
Total Credits	**20**

SUBPLAN CORE COURSES
Subplan: Water Resource Management (WRM) (Complete 17 credits)

		Credits
EVR 1016 ⏚	Hazardous Waste/ Materials Management	3
EVR 1263 ⏚	Urban Pollution	3
EVR 1328 ⏚	Natural Resources Conservation and Management	3
EVR 1357 ⏚	Wetland Resources	3
EVR 1858 ⏚	Environmental Regulation and Compliance	3
EVR 2949 ⏚	Co-op Work Experience	2

SUBPLAN ELECTIVE COURSES
Subplan: Water Resource Management (WRM) (Complete 3 credits)

		Credits
ECO 2013 ⏚	Principles of Macroeconomics	3
GEB 1011 ⏚	Introduction to Business	3
MAN 2021 ⏚	Principles of Management	3

SUBPLAN CORE COURSES
Subplan: Environmental Resources Conservation (ENVRCON) (Complete 20 credits)

		Credits
ECO 2013 ⏚	Principles of Macroeconomics	3
ECO 2023 ⏚	Principles of Microeconomics	3
EVR 1310 ⏚	Renewable Energy Resources, Energy Efficiency and Conservation Methods	3
EVR 1328 ⏚	Natural Resources Conservation and Management	3
EVR 1858 ⏚	Environmental Regulation and Compliance	3
EVR 2949 ⏚	Co-op Work Experience	2
EVR 1016 ⏚	Hazardous Waste/ Materials Management	3
or		
EVR 1263 ⏚	Urban Pollution	3

Total Credits | 64

PROGRAM OF STUDY
College of Education
Educator Preparation Institute (EPI) Certificate with Financial Aid Eligibility
EPI-CT

Effective Catalog Term: Summer 2020 (0575) through Present (CIP# 5551399990)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kimberly Hartman, Dean
727-712-5890

Program Summary

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Prerequisites: Admission to the College of Education (COE) – Educator Preparation Institute (EPI)

• Applicants must have graduated with a non-education, bachelor's degree (or higher) from a regionally accredited college/university or other approved Florida Department of Education (FLDOE) institution.
• Applicants must pass the Florida Teacher Certification Examinations (FTCE) General Knowledge Test (GK) - all four sections.
• Applicants must pass respective Subject Area Exam (SAE).
• Applicants must present a valid FLDOE Official Statement of Status of Eligibility.
• Applicants must be computer literate.

Graduation Requirements

A grade of "C" or higher is required in all EPI classes.

Graduation requirements include completing all above course requirements, demonstrating competency in the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level, passing all sections of the Florida Teacher Certification Examinations (FTCE), a minimum 2.5 G.P.A. in all EPI coursework, and completing all School Based Hours.

MAJOR CORE COURSES **Complete 27 credits**		**Credits**
EDF 4264 📄	Learning Theory and Instruction	3

EDF 4444 🔗	Assessment in the Curriculum	2
EDF 4930 🔗	EPI Capstone Seminar	3
EDF 4944 * 🔗	EPI Practicum	3
EDF 4949 * 🔗	EPI Internship	4
EDG 4419 🔗	Building Classroom Management and Discipline	3
EEX 4084 🔗	Differentiated Instruction of Exceptional and Diverse Students	3
RED 4014 🔗	Reading and English Language Arts Skills	3
or		
RED 4043 🔗	Reading within the Disciplines 5-12	3
TSL 4140 * 🔗	Curriculum Development in ESOL	3
Total Credits		**27**

Total Credits	**27**

*Explanation of School-based hours (SBH): Some EPI courses contain assignments which require students to spend time in a public school classroom. This classroom time is identified in the above curriculum as SBH (school based hours). Students also complete a ten week Internship course which requires them to spend five full days in an assigned classroom for the duration of this ten week internship. The College of Education coordinates the placements for all student field experiences.

PROGRAM OF STUDY
College of Education
Educator Preparation Institute (EPI) with Reading Endorsement Certificate with Financial Aid Eligibility
EPIR-CT

Effective Catalog Term: Summer 2022 (0605) through Present (CIP# 5551399990)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Andrea Kelly, Associate Dean
kelly.andrea@spcollege.edu

Michael Poulin, Academic Chair
poulin.michael@spcollege.edu
727-791-2788

Program Summary

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Teaching positions within the surrounding school districts.

Program Related Web Sites

https://www.spcollege.edu/future-students/degrees-training/education/paths-to-teacher-certification/
educator-preparation-institute-certificate

Admission Requirements

Prerequisites: Admission to the College of Education (COE) – Educator Preparation Institute (EPI)

• Applicants must have graduated with a non-education, bachelor's degree (or higher) from a regionally accredited college/university or other approved Florida Department of Education (FLDOE) institution.
• Applicants must pass the Florida Teacher Certification Examinations (FTCE) General Knowledge Test (GK) - all four sections.
• Applicants must pass respective Subject Area Exam (SAE).
• Applicants must present a valid FLDOE Official Statement of Status of Eligibility.
• Applicants must be computer literate.

<u>Graduation Requirements</u>

A grade of "C" or higher is required in all EPI classes.

Graduation requirements include completing all above course requirements, demonstrating competency in the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level, passing all sections of the Florida Teacher Certification Examinations (FTCE), a minimum 2.5 G.P.A. in all EPI coursework, and completing all School Based Hours.

MAJOR CORE COURSES
Complete 34 credits

		Credits
EDF 4264 ⅊	Learning Theory and Instruction	3
EEX 4084 ⅊	Differentiated Instruction of Exceptional and Diverse Students	3
EDG 4419 ⅊	Building Classroom Management and Discipline	3
RED 4654 ⅊	Foundations and Applications of Differentiated Instruction	3
RED 4342 ⅊	Foundations of Research Based Practices of Reading Education and Application of Instruction	3
RED 4541 ⅊	Foundations of Reading Assessment	3
EDF 4944 * ⅊	EPI Practicum	3
TSL 4140 * ⅊	Curriculum Development in ESOL	3
EDF 4444 ⅊	Assessment in the Curriculum	2
RED 4844 ⅊	Reading Practicum	1
EDF 4930 ⅊	EPI Capstone Seminar	3
EDF 4949 * ⅊	EPI Internship	4
Total Credits		**34**

Total Credits	**34**

*Explanation of School-based hours (SBH): Some EPI courses contain assignments which require students to spend time in a public school classroom. This classroom time is identified in the above curriculum as SBH (school based hours). Students also complete a ten week Internship course which requires them to spend five full days in an assigned classroom for the duration of this ten week internship. The College of Education coordinates the placements for all student field experiences.

PID 1269

PROGRAM OF STUDY
College of Education
Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements Bachelor of Science
ESEDR-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1101310011)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kimberly Hartman, Dean
hartman.kimberly@spcollege.edu
(727) 712-5890

Program Summary

This teacher preparation program combines college coursework related to the content of Exceptional Student Education, the pedagogy of teaching and practical, school-based experiences to prepare you for professional certification to teach in an Exceptional Student Education classroom, grades K-12. Graduates earn a Bachelor of Science in Exceptional Student Education (grades K-12) and will be endorsed in both Reading an ESOL.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Exceptional Student Education grades K-12 Teacher

Program Related Web Sites

N/A

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

GPA:
A cumulative GPA of 2.5 or higher is required for graduation.

CULTURAL DIVERSITY (6 credits):
Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

Completing all program requirements, including ESOL, demonstrating competency in the Florida Educator Accomplished Practices (FEAPS) at the pre-professional level, passing all sections of the Florida Teacher Certification Examination (FTCE)
and passing the final internship are conditions of graduation.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or an academic advisor.

ADMISSIONS REQUIREMENT AA Degree (60 credits)	Credits
In addition to the State Mandated Prerequisite course listed below, students are required to complete the general education (Associates of Arts Degree) that corresponds with their catalog year/requirement term. Students who have earned a previous AA or bachelor's degree should consult an advisor for transcript review.	
Total Credits	**60**

STATE MANDATED PREREQUISITES Grade of "C" or better required		Credits
EDF 1005 ⏷	Introduction to Education	3

MAJOR CORE COURSES Core Requirements (Complete 25 credits)		Credits
EDF 3214 ⏷	Student Development and Learning Principles K-12	3
EDF 4430 ⏷	Measurement, Evaluation and Assessment in Education K-12	3
EDG 3410 ⏷	Classroom Management and Communication K-12	3
EEX 3012 * ⏷	Nature and Needs of Exceptional Students K-12	3
EEX 4940 * ⏷	Internship: Exceptional Student Education	12
RED 4940 * ⏷	Final Reading Internship	1
Total Credits		**25**

MAJOR CORE COURSES Major Requirements (Complete 34 credits)		Credits
EDE 4226 ⏷	Integrated English Language Arts, Social Studies and Creative Arts for the Elementary Classroom	4
EDE 4304 ⏷	Integrated Mathematics and Science	4
EDE 4942 * ⏷	Integrated English Language Arts, Social Studies and Creative Arts for the Elementary Classroom Practicum	1
EDE 4943 * ⏷	Integrated Mathematics and Science Practicum	1

EEX 3241 📄	Curriculum and Instruction for Exceptional Students	3
EEX 4221 📄	Educational Assessment of Exceptional Students	3
EEX 4261 * 📄	Strategy Instruction and Transitions for Exceptional Students	3
EEX 4604 📄	Behavior Management of Exceptional Students	3
RED 3309 * 📄	Early and Emergent Literacy K-2	3
RED 4511 * 📄	Intermediate Literacy 3-6: Reading, Writing and Thinking	3
RED 4519 * 📄	Diagnosis and Intervention in Reading for Diverse Students K-12	3
MAE 4114 * 📄	Mathematics Content for the Elementary Grades	3
Total Credits		**34**

MAJOR CORE COURSES
ESOL Requirements (Complete 6 credits)

		Credits
TSL 3080 * 📄	ESOL Issues: Principles and Practices I K - 12	3
TSL 4081 * 📄	ESOL Issues: Principles & Practices II K-12	3
TSL 4939 📄	ESOL Capstone	
Total Credits		**6**

Total Credits	**125**

*School-based hours total 233 clinical hours plus a 15-week internship in Exceptional Student Education and Reading.

<u>Graduation Notes</u>

Fully Online

PID 1338

PROGRAM OF STUDY
Hospitality and Tourism Department
Event Planning Management Certificate with Financial Aid Eligibility
EVENT-CT

Effective Catalog Term: Fall 2020 (0580) through Present (CIP# 0252090905)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu
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Alanna Olah, Academic Chair
olah.alanna@spcollege.edu
727-341-7144

Program Summary

This certificate is designed to prepare students for employment as supervisors in the event planning sector of the hospitality industry. These courses will apply towards the AS Degree in Hospitality & Tourism Management (HMGT-AS).

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

13-1121 – Meeting, Convention and Event Planners
11-9081 – Lodging Managers
11-9051 – Food Service Managers

The content includes but is not limited to customer service, hospitality attitude, convention management and services, event planning, marketing, and sales, guest services, communications, human relations, and security issues.

Graduation Requirements

Minimum grade of "C" required in all courses.

MAJOR CORE COURSES		Credits
HFT 1000	Introduction to the Hospitality and Tourism Industry	3
HFT 1941	Operations and Service Practicum	2

HFT 2450 📄	Hospitality Cost Controls	3
HFT 2750 📄	The Event Industry	3
HFT 2600 📄	Hospitality Law	3
HFT 2265 📄	Food Service Operations	3
MAR 2011 📄	Principles of Marketing	3
MNA 1751 📄	Customer Service I: Developing A Spirit of Customer Service	1
MAN 2340 📄	Supervisory Management	3
Total Credits		**24**

Total Credits	**24**

PROGRAM OF STUDY

Hospitality and Tourism Department
Food and Beverage Management Certificate with Financial Aid Eligibility
FBM-CT

Effective Catalog Term: Fall 2017 (0535) through Present (CIP# 0252090503)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

<u>Program Leadership Information</u>

Alanna Olah, Instructor-in-Charge
Olah.Alanna@SPCollege.edu
(727) 341-7144

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu
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<u>Program Summary</u>

This certificate is designed to prepare students for employment as supervisors and managers in the food and beverage sectors of the hospitality industry. These courses will apply toward the A. S. degree in Hospitality & Tourism Management.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the <u>recommended Academic Pathway</u>.

If you have already started the program, click here for the <u>archived Academic Pathways</u>.

Please verify the Academic Pathway lists your correct starting semester.

<u>Graduation Requirements</u>

GPA of 2.0 on all Certificate courses required to graduate

MAJOR CORE COURSES		Credits
FSS 2235 C	Introductory Food Production Management	3
HFT 1000	Introduction to the Hospitality and Tourism Industry	3
HFT 1941	Operations and Service Practicum	2
HFT 2265	Food Service Operations	3
HFT 2450	Hospitality Cost Controls	3
HFT 2600	Hospitality Law	3
HFT 2750 *	The Event Industry	3
HFT 2942	Hospitality Internship	3

MAN 2340	Supervisory Management	3
MAR 2011	Principles of Marketing	3
MNA 1751	Customer Service I: Developing A Spirit of Customer Service	1
Total Credits		**30**

Total Credits	**30**

*Previously listed as HFT XXXX. Updated 11.1.2017

PROGRAM OF STUDY

Hospitality and Tourism Department
Food and Beverage Management Specialist Certificate without Financial Aid Eligibility
FBS-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

<u>Program Leadership Information</u>

Alanna Olah, Instructor-in-Charge
Olah.Alanna@SPCollege.edu
(727) 341-7144

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu
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<u>Program Summary</u>

This certificate is designed to prepare students for employment as specialists in the food and beverage sectors of the hospitality industry.

These courses will apply toward the A.S. degree in Hospitality & Tourism Management.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

<u>Graduation Requirements</u>

2.0 GPA in each course in the certificate

MAJOR CORE COURSES		Credits
FSS 2235 C	Introductory Food Production Management	3
HFT 1000	Introduction to the Hospitality and Tourism Industry	3
HFT 1941	Operations and Service Practicum	2
MNA 1751	Customer Service I: Developing A Spirit of Customer Service	1
MAN 2340	Supervisory Management	3
Total Credits		**12**

Total Credits	12

PROGRAM OF STUDY
PSAV
Fire Fighter/Emergency Medical Technician-Combined Postsecondary Adult Vocational Certificate
FFEM-PSAV

Effective Catalog Term: Fall 2020 (0580) through Present (CIP# 0743020313)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Jerome Ruffing, Acting EMS PSAV Coordinator II

Program Summary
The purpose of this program is to provide the necessary training required for students to become certified firefighters as well as licensed Emergency Medical Technicians. It is not intended for those who are currently certified/licensed as either firefighters or EMTs. Students wishing to add an additional certification to an existing credential must enroll in either the Fire Fighter I/II program or the Emergency Medical Technician program.

This program is a planned sequence of instruction consisting of 4 occupational completion points. The sequence of courses provide coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security and Health Science career clusters; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills.

Job-Related Opportunities
33-2011 Fire Fighters
29-2041 Emergency Medical Technicians and Paramedics
31-9099 Healthcare Support Workers, All Other

Program Related Web Sites
http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Admission Requirements
-Successful completion of TABE testing at the 10th grade level
-Successful completion of the firefighter Physical Agility Test
-Current CPR card at the healthcare provider level
-Successful completion of SPC Health Programs background check and drug screen
-Successful completion of SPC Health Programs physical exam, immunizations, titers

Graduation Requirements
-Successful completion of SPC Fire Academy course
-Successful completion of SPC EMT PSAV course

Note: Program length is by Hours.

MAJOR CORE COURSES		Credits
FFP 0030 🔖	Basic Firefighter I	191
FFP 0031 🔖	Basic Firefighter II	301

| EMS 0110 🔗 | Emergency Medical Technician PSAV | 300 |
| **Total Credits** | | **792** |

Note: Program length is by Hours.

| **Total Credits** | **792** |

PROGRAM OF STUDY
College of Public Safety Administration
Fire Science Technology Associate in Science
FIRE-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1743020112)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

<u>Program Leadership Information</u>

Geoffrey Brown, Lead Instructor
727-241-4120

Susan Demers, Dean

<u>Program Summary</u>

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

The goal of this program is to prepare students with a scientific understanding of fire hazards and their control with emphasis on effective operating procedures at fires and other emergencies. General education courses are included to prepare the graduate to communicate and work effectively with all levels of society. Completion of the following courses will qualify students to earn the Fire Officer Supervisor Certificate (FOSU-CT): FFP 2120, FFP 2720, FFP 2740, FFP 2810.

The general college admission policy applies to all students entering the Fire Science Technology program.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the <u>recommended Academic Pathway</u>.

If you have already started the program, click here for the <u>archived Academic Pathways</u>.

Please verify the Academic Pathway lists your correct starting semester.

<u>Graduation Requirements</u>

1. A minimum grade of "C" in all Support and Major courses.
2. Students must complete an End-of-Program Assessment Examination

	Credits
AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3

	Credits
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⬚	American National Government	3
POS 2041 H ⬚	Honors American National Government	3
AMH 2020 ⬚	History of the United States II	3
AMH 2020 H ⬚	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Technical Writing (Select 3 credits)

		Credits
ENC 2210 ⬚	Technical Writing	3
ENC 1102 ⬚	Composition II	3
Total Credits		**3**

MAJOR CORE COURSES
Complete 24 credits

		Credits
FFP 1109 ⬚	Fire Department Occupational Safety and Health	3
FFP 1111 ⬚	Fire Chemistry	3
FFP 1505 ⬚	Fire Prevention	3
FFP 1540 ⬚	Private Fire Protection Systems I	3
FFP 2120 * ⬚	Building Construction for the Fire Service	3
FFP 2720 * ⬚	Company Officer	3
FFP 2740 * ⬚	Fire Service Course Delivery	3
FFP 2810 * ⬚	Firefighting Tactics and Strategy I	3
Total Credits		**24**

MAJOR ELECTIVE COURSES
Select 15 credits from below or complete any course with DSC or FFP prefix.

		Credits
FFP 2510 ⬚	Fire Codes and Standards	3
FFP 2521 ⬚	Blueprint Reading and Plans Review	3
FFP 2541 ⬚	Private Fire Protection Systems II	3

FFP 2610 📄	Fire Cause and Origin Determination	3
FFP 2706 📄	Fire Service Public Information Officer	3
FFP 2741 📄	Fire Service Course Design	3
FFP 2811 📄	Firefighting Tactics and Strategy II	3
FFP 1103 📄	Florida Incident Safety Officer	3
FFP 1104 📄	Legal Issues for Safety Officers	3
Total Credits		**15**

Total Credits	**60**

*Course applies towards completion of Fire Officer Supervisor Certificate (FOSU-CT).

PROGRAM OF STUDY
College of Public Safety Administration
Fire Officer Supervisor Certificate without Financial Aid Eligibility FOSU-CT

Effective Catalog Term: Spring 2021 (0585) through Present (CIP# 0743020111)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Geoffrey Brown, Lead Instructor
(727)241-4021

Susan Demers, Dean

Program Summary

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This certificate is designed to incorporate the theory and applications necessary to become a credentialed Fire Officer. Students who complete SPC's Certificate program in Fire Officer Supervisor will have completed courses in preparation for the Certificate of Competency test for Fire Officer I through the Florida State Fire College. Additional requirements outside of this certificate are required for Fire Officer I certification and details are available on the Florida Fire Board of Standards Training website (url:http://www.myfloridacfo.com/Division/SFM/BFST/default.htm#.VTexC5OMBdM).
These courses also apply towards the Fire Science Associate in Science (FIRE-AS) degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Fire Officer

Admission Requirements

You must be a Florida Firefighter to be admitted to this program.

Graduation Requirements

A minimum grade of "C" in all Support and Major courses.

MAJOR CORE COURSES		Credits
FFP 2720	Company Officer	3
FFP 2120	Building Construction for the Fire Service	3

272

FFP 2740 🔻	Fire Service Course Delivery	3
FFP 2810 🔻	Firefighting Tactics and Strategy I	3
Total Credits		**12**

Total Credits	**12**

PROGRAM OF STUDY
Engineering and Building Arts Department
Field Survey Technician Certificate with Financial Aid Eligibility
FSTECH-CT

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 0715020102)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

The purpose of this Field Survey Technician Certificate program is to prepare students for employment as surveyors, civil engineering technicians, or surveyor helpers or to provide supplemental training for persons previously or currently employed in these occupations.

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Architecture and Construction career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Architecture and Construction career cluster.

The content includes but is not limited to surveying, highway design, soils and foundations, photogrammetry, asphalt design, drainage and geology, concrete design, orientation to utilities, structural design, estimating, drafting, legal and ethical considerations, employability skills, leadership, and human relations skills, health and safety, and support general education. Computer use is essential. Technical report writing, record keeping, and mathematical computations are important aspects of this occupation.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the
recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Aerotriangulation Specialist, Engineering Technician, Mapping Technician, Survey Technician.

Program Related Web Sites

http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml

Graduation Requirements

Minimum grade of "C" in all courses.

MAJOR CORE COURSES **Credits**

	3 credits from approved General Education Mathematics coursework (any MAC, MAP, MAS, MGF, MTG, or STA prefix)	3
BCN 2054 C ⅊	Construction Surveying Methods	3
ETC 2521 C ⅊	Hydraulics and Hydrology	3
GIS 2040 ⅊	Introduction to Geographic Information Systems	3
	--	
ETD 1320 C ⅊	Introduction to CAD	3
or		
ETD 1390 C ⅊	Introduction to Architectural Revit	3
or		
ETD 2364 C ⅊	Introduction to SolidWorks	3
	--	
BCN 2949 ⅊	Co-op Work Experience	3
Total Credits		**18**

Total Credits | **18**

PROGRAM OF STUDY
Health Science Department
Funeral Arts Advanced Technical Certificate with Financial Aid Eligibility
FUNAT-ATC

Effective Catalog Term: Fall 2010 (0430) through Present (CIP# 0312030166)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Kevin Davis, Program Director
(727) 341-3781

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

This Advanced Technical Certificate is designed to meet specific state or professional needs. It is NOT accredited by the American Board of Funeral Service Education (992 Mantua Pike, Suite 108 Woodbury Heights, NJ 08097. Office 816-233-3747). Students graduating from this program ARE NOT eligible to take the National Board Examination or any state board examination for which graduation from an ABFSE accredited program is required.

Graduates are eligible to take the Florida State Board Exam for Funeral Directing.

These courses apply towards the Funeral Services Associate in Science degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Florida Funeral Director
• Pre-need Counselor

Admission Requirements

Please review the **[Funeral Arts Certificate Admission Guide](#)**.

The Admission Guide will outline the admission criteria specific to the Funeral Arts Certificate program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Prerequisites:
• Applicants must have graduated with at least an associate's degree from a regionally accredited college or university.

NOTE: If you have missed two (2) consecutive terms, you must see a counselor to be readmitted into your program.

MAJOR CORE COURSES GRADE OF "C" OR BETTER IN ALL COURSES		Credits
ACG 2001 ⅃	Applied Financial Accounting I	3
or		
ACG 2021 ⅃	Financial Accounting	3
BUL 2241 ⅃	Business Law I	3
FSE 1000 ⅃	Introduction to Funeral Services	3
FSE 1010 ⅃	Funeral Ethics	1
FSE 1150 ⅃	Cremation History, Principles and Practice	2
FSE 1204 ⅃	Funeral Services Computer Applications	1
FSE 2060 ⅃	Funeral Directing	3
FSE 2061 ⅃	Thanatology	3
FSE 2080 ⅃	Funeral Law	3
FSE 2201 ⅃	Funeral Home Management Operations	3
FSE 2202 ⅃	Funeral Home Management	3
Total Credits		**28**

Total Credits	28

Notes

Fully Online.

PROGRAM OF STUDY
Health Science Department
Funeral Services Associate in Science
FUNSE-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1312030100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Kevin Davis, Program Administrator and Curriculum Coordinator
davis.kevin@spcollege.edu
(727) 341-3781

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

Transferable to a Bachelor's degree in Health Services Administration at SPC.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Funeral Director
Embalmer
Cemeterian
Cremationist
Pre-arrangement Counselor

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Speech

	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

Credits

	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

Credits

	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⅊	American National Government	3
POS 2041 H ⅊	Honors American National Government	3
AMH 2020 ⅊	History of the United States II	3
AMH 2020 H ⅊	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Financial Accounting (Select 3 credits)

Credits

ACG 2001 ⅊	Applied Financial Accounting I	3
ACG 2021 ⅊	Financial Accounting	3
Total Credits		**3**

SUPPORT COURSES: Anatomy & Physiology
Complete 4 credits

Credits

	Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.	
BSC 2085 ⅊	Human Anatomy & Physiology I	3
BSC 2085 L ⅊	Human Anatomy & Physiology Lab I	1
Total Credits		**4**

SUPPORT COURSES
Complete 5 credits

Credits

BUL 2241 ⅊	Business Law I	3
HSC 1524 ⅊	Introduction to Infectious Disease	2
Total Credits		**5**

MAJOR CORE COURSES
1st Term in Program (Complete 15 credits)

Credits

FSE 1000 ⅊	Introduction to Funeral Services	3

FSE 1204	Funeral Services Computer Applications	1
FSE 2061	Thanatology	3
FSE 2202	Funeral Home Management	3
FSE 2060	Funeral Directing	3
FSE 1150	Cremation History, Principles and Practice	2
Total Credits		**15**

MAJOR CORE COURSES
2nd Term in Program (Complete 12 credits)

		Credits
FSE 1105	Thanatochemistry	2
FSE 2080	Funeral Law	3
FSE 2100	Embalming I	3
FSE 2101 L	Embalming Clinical I	1
FSE 2201	Funeral Home Management Operations	3
Total Credits		**12**

MAJOR CORE COURSES
3rd Term in Program (Complete 12 credits)

		Credits
FSE 2120	Restorative Art	3
FSE 2120 L	Restorative Art Lab	1
FSE 2160	Funeral Pathology	3
FSE 2140	Embalming II	3
FSE 2141 L	Embalming Clinical II	1
FSE 2930	Funeral Services Professional Review	1
Total Credits		**12**

MAJOR CORE COURSES
4th Term in Program (Complete 3 credits)

		Credits
FSE 2946 C [2]	Professional Practicum	3
Total Credits		**3**

Total Credits	**72**

[2] All courses must be completed prior to FSE 2946.

PROGRAM OF STUDY
College of Health Sciences
Healthcare Data Management Certificate with Financial Aid Eligibility HCINF-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0351070712)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kengia Sabree, RHIA, Academic Chair
sabree.kengia@spcollege.edu
727-341-3623

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

(Transferable to an Associate's Degree in Health Information Management at SPC)

This program is designed to prepare students for employment as entry level Data Management Specialists or to provide supplemental training for persons previously or currently employed in related health record or information technology occupations.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Healthcare Technician
Health Information Technician
Health Data Specialist
EHR Specialist
Implementation Support Specialist
Software Support Staff

Program Related Web Sites

www.ahima.org --- American Health Informaiton Management Association
www.amia.org --- American Medical Informatics Association
www.cchit.org --- Certification Commission for Health Information Technology
www.himss.org --- Healthcare Information and Management Systems Society
www.healthit.gov --- Office of the National Coordinator for Health Information Technology
www.phii.org --- Public Health Informatics Institute
www.who.int.en --- World Health Organization

Admission Requirements

Please review the **Data Management Certificate Admission Guide**

The Admission Guide will outline the admission criteria specific to the Data Management (formerly the Healthcare Informatics) Certificate program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Before entering the first term of the Data Management Certificate "program courses," students must demonstrate they are at college level in Writing and Reading either through appropriate test scores or through appropriate course completion and must have completed any college level MAC, MGF or STA course with a grade of C or better and complete 5 credits which must include CGS 1100 and HSC 1531 from the Support Courses listed below. These courses do not have to be completed in the order listed. Candidates will also complete the Health Programs Application form. Please see a counselor or advisor.

Graduation Requirements

In order to enroll in any program course with a prerequisite, a grade of "C" or better must have been earned in all prerequisite courses. Students must earn grades of "C" or better in all courses required for the Data Management CT curriculum in order to graduate from the program.

Grade of "C" or better required in ALL courses.

ADMISSIONS COURSES Support Courses		Credits
CGS 1100	Computer Applications	3
HSC 1531	Medical Terminology I	2
Total Credits		**5**

MAJOR CORE COURSES 1st Term in Program		Credits
HIM 1101	HIM Standards and Practice	3
HIM 1511	Healthcare Informatics and Data Workflow	3
HIM 1005	Healthcare Informatics Project Management	2
HIM 2652	Electronic Health/Medical Record Systems	2
Total Credits		**10**

MAJOR CORE COURSES 2nd Term in Program		Credits
HIM 2012	Health Law Concepts and Practices	2
HIM 2201	Introduction to Statistics and Data Analysis	3
HIM 1800	Professional Practice Experience I	3
HIM 2960	Credentialing Exam Review	1
Total Credits		**9**

Total Credits	**24**

Notes

Fully Online

Graduation Notes

New graduates from the Data Management Certificate program are advised to take the Certified Associate Healthcare in Healthcare Information & Management Systems (CAHIMS) examination administered by the Healthcare Information and Management Systems Society (HIMSS).

PID 1204

PROGRAM OF STUDY
College of Computer & Information Technology
Help Desk Support Specialist Certificate with Financial Aid Eligibility
HDSK-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@SPCollege.edu
(727) 341-7176

John Long, Academic Chair
long.john@spcollege.edu
727-341-4620

Program Summary

This program is offered as a Fully Online program.

This certificate program prepares the student to work in a help desk support position for installing, configuring, managing and monitoring hardware and software applications in a stand-alone or networked environment. Students will be provided with ongoing user support skills in the field of information technology.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Applications System Specialist
Help Desk Specialist
Technical Support Specialist
User Support Analyst

Admission Requirements

There are no admissions requirements for this program.

MAJOR CORE COURSES		Credits
CET 1171 C 📄	Computer Repair Essentials	3
CET 1172 C 📄	Computer Support Technician	3
CGS 1100 📄	Computer Applications	3

CGS 1515	Spreadsheet Techniques and Programming	3
CGS 1545	Database Techniques	3
CTS 1120	Network Security Foundations	3
Total Credits		**18**

Total Credits	**18**

<u>Notes</u>

Fully Online.

PROGRAM OF STUDY
College of Health Sciences
Health Information Technology Associate in Science
HIT-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070700)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Sheila Newberry , Faculty
newberry.sheila@spcollege.edu
(727) 341-3623

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

Transferable to a Bachelor's degree in Health Services Administration at SPC.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Health Information Technician
Medical Records Technician
Medical Coder
Health Data Analyst
Healthcare Privacy & Security Officer
Document Improvement Practitioner
Release of information Technician

Program Related Web Sites

www.ahima.org --- American Health Information Management Association
www.cchit.org --- Certification Commission for Health Information Technology
www.himss.org --- Healthcare Information and Management Systems Society
www.healthit.gov --- Office of the National Coordinator for Health Information Technology
www.phii.org --- Public Health Informatics Institute
www.who.int.en --- World Health Organization

Admission Requirements

Please review the **[Health Information Technology A.S. Admission Guide](#)**.

The Admission Guide will outline the admission criteria specific to the Health Information Technology A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Mathematics-Core	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Natural Sciences - Core	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Ethics	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Enhanced World View	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⊿	American National Government	3
POS 2041 H ⊿	Honors American National Government	3
AMH 2020 ⊿	History of the United States II	3
AMH 2020 H ⊿	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Social/Behavioral Science (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Social/Behavioral Science Core requirement and course requirement for this AS degree.	
POS 2041 ⊿	American National Government	3
POS 2041 H ⊿	Honors American National Government	3
Total Credits		**3**

SUPPORT COURSES
Computer and Information Literacy Competency (Complete 1 course)

		Credits
	Completion of this requirement satisfies the General Education Computer Competency requirement for this AS degree.	
CGS 1100 ⊿	Computer Applications	3
Total Credits		**3**

SUPPORT COURSES
Complete 6 credits

		Credits
BSC 1084 C *⊿	Essentials of Human Anatomy & Physiology	4
HSC 1531 ⊿	Medical Terminology I	2
Total Credits		**6**

MAJOR CORE COURSES
1st Term in Program (Complete 11 credits)

		Credits
HIM 1101 ⊿	HIM Standards and Practice	3

HIM 1511	Healthcare Informatics and Data Workflow	3
HIM 1140	Pharmacology and Pathophysiology for HIM Professionals	3
HIM 2223	Introduction to Coding and Reimbursement Systems	2
Total Credits		**11**

MAJOR CORE COURSES
2nd Term in Program (Complete 10 credits)

		Credits
HIM 2652	Electronic Health/Medical Record Systems	2
HIM 1005	Healthcare Informatics Project Management	2
HIM 1800	Professional Practice Experience I	3
HIM 2229	Introduction to ICD-CM Coding	3
Total Credits		**10**

MAJOR CORE COURSES
3rd Term in Program (Complete 11 credits)

		Credits
HIM 2201	Introduction to Statistics and Data Analysis	3
HIM 2723	ICD-PCS Coding	3
HIM 2012	Health Law Concepts and Practices	2
HIM 2253	Basic CPT Coding	3
Total Credits		**11**

MAJOR CORE COURSES
4th Term in Program (Complete 8 credits)

		Credits
HIM 2810	Professional Practice Experience II	3
HIM 1506	HIM Compliance	1
HIM 2500	Organization and Supervision	2
HIM 2510	Healthcare Quality and Performance Improvement	2
Total Credits		**8**

MAJOR CORE COURSES
5th Term in Program (Complete 3 credits)

		Credits
HIM 2960	Credentialing Exam Review	1
HIM 2820	Professional Practice Experience III	2
Total Credits		**3**

Total Credits	**70**

*BSC 2085/BSC 2085L and BSC 2086/BSC 2086L together can fulfill the BSC 1084C course requirement.

<u>Notes</u>

Fully Online

PID 1265

PROGRAM OF STUDY
College of Public Safety Administration
Homeland Security Certificate with Financial Aid Eligibility
HLS-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

publicsafetyadvising@spcollege.edu -, -

Geoffrey Brown, Lead Instructor, AC
brown.geoffrey@spcollege.edu
(727) 241-4120

Susan Demers, Dean

Program Summary

Please contact PublicSafetyAdvising@spcollege.edu for questions regarding this program.

This program is offered as a Fully Online program.

This certificate is a comprehensive certificate focused on policy, planning and administration of emergency response teams and systems. This certificate focuses on homeland security and integrates the practical, technical and communication aspects of emergency management. Program participants will gain an understanding of problems facing response teams, learn to write emergency plans according to local, state, and federal guidelines and build communications skills as crisis advisors. These courses apply towards the Emergency Administration and Management Associate in Science degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Risk Manager in private and public organizations
• Emergency Response Director
• Security Manager at the local, state or the federal levels or private industry
• Professionals interested in emergency response training and management
• Governmental and industrial emergency planner

Graduation Requirements

A minimum grade of "C" in all Support and Major courses.

MAJOR CORE COURSES		Credits
DSC 1002 📄	Domestic & International Terrorism	3
DSC 1004 📄	Introduction to the NRF and NIMS	3
DSC 1033 📄	Weapons of Mass Destruction	3
DSC 1222 📄	Psychological Management of Weapons Of Mass Destruction Victims	3
DSC 1552 📄	Critical Infrastructure Protection	3
DSC 1562 📄	Homeland Security Threat Strategy	3
DSC 1631 📄	Terrorism Response Planning	3
DSC 1751 📄	Homeland Security Policy & Law	3
Total Credits		**24**

Total Credits	**24**

PROGRAM OF STUDY
Hospitality and Tourism Department
Hospitality and Tourism Management Associate in Science
HMGT-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1252090101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu
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Program Summary

Students are exposed to a variety of courses in business administration in addition to hotel management courses, which enables them to make appropriate business decisions. The goal of this program is to prepare successful students for careers in hotels, cruise ships, resorts and restaurants or transferring to a state university in the same discipline. The general college admissions policy applies to all students entering the Hospitality and Tourism Management program.

Fully transferable to a Bachelor's Degree at University of South Florida - Sarasota/Manatee.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Graduation Requirements

Complete the support and professional core courses listed in the program with a "C" or higher and a 2.0 overall average.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏚	American National Government	3
POS 2041 H ⏚	Honors American National Government	3
AMH 2020 ⏚	History of the United States II	3
AMH 2020 H ⏚	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Computer/Information Literacy Competency (Complete 1 course)

		Credits
	Completion of this requirement satisfies the General Education Computer/Information Literacy Competency Requirement	
Total Credits		**0**

MAJOR CORE COURSES
Complete 42 credits

		Credits
ACG 2021 ⏚	Financial Accounting	3
GEB 1011 ⏚	Introduction to Business	3
FSS 2235 C ⏚	Introductory Food Production Management	3
HFT 1000 ⏚	Introduction to the Hospitality and Tourism Industry	3
HFT 1300 ⏚	Housekeeping Operations	3
HFT 1410 ⏚	Front Office Procedures	3
HFT 1941 ⏚	Operations and Service Practicum	2
HFT 2265 ⏚	Food Service Operations	3
HFT 2450 ⏚	Hospitality Cost Controls	3
HFT 2600 ⏚	Hospitality Law	3
HFT 2750 * ⏚	The Event Industry	3
HFT 2942 ⏚	Hospitality Internship	3
MAN 2340 ⏚	Supervisory Management	3
MAR 2011 ⏚	Principles of Marketing	3
MNA 1751 ⏚	Customer Service I: Developing A Spirit of Customer Service	1
Total Credits		**42**

Total Credits	**60**

*Previously HFT XXXX. Updated 11.1.2017

PID 1282

College of Health Sciences
Health Services Administration Bachelor of Applied Science
HSA-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 51.2211)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Teri Trede, Associate Professor
trede.teri@spcollege.edu

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

If you are currently working in or have previous training in a health or human services field and want to move up in your career, our Health Services Administration bachelor's degree may be your ticket. Designed to prepare you for career advancement or entry-level supervisory or managerial positions, this degree offers specialized concentrations depending on your background.

Features: Classes are offered online in 8-week sessions. The final semester Capstone Course is a 16-week Experience that integrates your career interests and professional goals. Students are responsible for securing a mentor for the capstone course, and for developing their capstone project proposal in collaboration with the mentor during the pre-capstone course. Students enroll in the pre-capstone course immediately preceding the capstone course.

Students will gain:
A broad-based knowledge of health care delivery systems, a better understanding of health care policies, ethics and current issues, as well as effective communication, leadership and critical thinking skills.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

As a health or human services manager, you plan, direct and coordinate a variety of services. Careers include: Hospital department leadership, coordinator or supervisor in a health care facility, program management, case manager, sales representative, educator, and consultant.

Program Related Web Sites

http://www.bls.gov/ooh/management/medical-and-health-services-managers.htm

Admission Requirements

Please review the **Health Services Administration B.A.S. Admission Guide**.
The Admission Guide will outline the admission criteria specific to the Health Services Administration program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

In order to be admitted to the HSA-BAS program a student is required to have sixty (60) credit hours* including fifteen (15) credit hours of transferable general education coursework. In addition, a completed degree, certificate, or diploma in a health care or human services discipline OR paid or volunteer work experience in a health care or human services discipline is required. A minimum of 2 years work experience is strongly recommended.

*All credit hours must have been earned from a regionally accredited institution.

Clinical Documentation Improvement (CDI) Subplan:
In addition to HSA-BAS program admission requirements, the CDI sub plan requires that students possess a RN, RHIA, RHIT, or an AS degree in an allied health field.

Earning an Industry Certification:
Upon successful completion of the program , students with a RN, RHIA, or RHIT degree and two (2) years of experience as a concurrent or retrospective documentation specialist in an inpatient acute care facility qualify for the CCDS certification examination (https://acdis.org/prerequisites) or the CDIP certification examination (https://www.ahima.org/certification/cdip).
Students with an AS degree in an allied health field are required to have three (3) years of experience as a concurrent or retrospective documentation specialist in an inpatient acute care facility to qualify for certification examinations.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or contact a Student Success Specialist at the Health Education Center (HEC). Students who have questions concerning state mandated prerequisites should consult www.flvc.org and review the appropriate common prerequisite manual or contact a Student Success Specialist at the Health Education Center (HEC).

Graduation Requirements

All students must complete the 36 credit general education requirement in order to graduate from this program. A.S. degree holders may need to complete an additional 15-21 general education credits to complete the thirty-six (36) credit hour general education requirement.

Students who have not completed an AS degree in a health related field or a minimum of 20 credits in health related courses are required to complete 20 credits of lower division courses in addition to the bachelor level courses. See the lower division support course options below to fulfill this requirement.

A cumulative GPA of 2.0 or higher is required and a minimum of 120 college level credits. All courses must be completed with a "C" or better.

FOREIGN LANGUAGE:
This bachelor's degree program requires a minimum of two consecutive years of a foreign language in high school OR two semesters of a foreign language at the college level.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

GENERAL EDUCATION REQUIREMENT General Education Courses (36 credits needed for Graduation)	Credits

ENHANCED WORLD VIEW REQUIREMENT*

	Credits
A. COMMUNICATIONS	9
B. HUMANITIES/FINE ARTS	6
C. MATHEMATICS	6
D. NATURAL & PHYSICAL SCIENCES	6 - 7
E. SOCIAL AND BEHAVIORAL SCIENCES	6
F. ETHICS	3
G. COMPUTER/INFORMATION LITERACY COMPETENCY (see catalog for details)	

ADMISSIONS REQUIREMENT
60 Credit Hours (with at least 15 General Education Credits)

	Credits
60 Credit Hours (with at least 15 General Education Credits)	60
Total Credits	**60**

Students admitted to the program without an AS in a health related field or a minimum of 20 credits in health related courses may need to complete additional lower division coursework.

LOWER DIVISION SUPPORT COURSES
Lower Division Requirement (Select 20 credits)

		Credits
HSA 2001 **1** 📄	Interprofessional Team Based Health Care	2
HSA 2182 **1** 📄	Health Services Management Concepts	2
HSC 2721 **1** 📄	Evidence-Based Healthcare Practice	1
ACG 2021 📄	Financial Accounting	3
CGS 1100 📄	Computer Applications	3
CGS 1515 📄	Spreadsheet Techniques and Programming	3
ENC 2210 📄	Technical Writing	3
HIM 1430 📄	Principles of Disease	2 - 3
HIM 2223 📄	Introduction to Coding and Reimbursement Systems	2 - 3
HIM 2500 📄	Organization and Supervision	2 - 3
HIM 2510 📄	Healthcare Quality and Performance Improvement	2
HIM 2652 📄	Electronic Health/Medical Record Systems	2
PHI 2103 📄	Critical Thinking and Ethical Decision Making	3
SPC 2300 📄	Interpersonal Communication	3
Total Credits		**20**

MAJOR CORE COURSES
Major Requirements (Complete 18 credits)

		Credits
HSA 4184 📄	Leadership & Management in Health & Human Services Organizations	3
HSA 3104 📄	Health Care Delivery in the United States	3
HSA 3702 📄	Research Methods in Health & Human Services	3
HSC 3201 📄	Community Health and Epidemiology	3
HSA 3170 📄	Health & Human Services Finance	3
HSA 4140 📄	Strategic Management and Planning in Health & Human Services	3
Total Credits		**18**

MAJOR CORE COURSES
Required Major Capstone Course (Complete 7 Credits)

		Credits
HSC 4931 📄	Health & Human Services Administration Pre-Capstone	3
HSC 4910 📄	Health & Human Services Administration Capstone	4
Total Credits		**7**

SUBPLAN
Select ONE subplan from below (Complete 15 credits)

	Credits
Total Credits	**15**

SUBPLAN
Clinical Documentation Improvement Specialist (CDI) (Complete 15 credits)

		Credits
HIM 3240 📄	CDI Principles and Practice	3
HIM 3243 📄	Coding and Reimbursement for CDI Professionals	3
HSA 4191 📄	Health Information Systems	3
HUS 3321 📄	Case Management and Problem-Solving for Human Services	3
HIM 3852 📄	Clinical Documentation Practitioner Practicum Experience	3

SUBPLAN CORE COURSES
Compliance and Security (HIS) (Complete 6 credits)

		Credits
HSA 4191 📄	Health Information Systems	3
HSA 4192 📄	Applied Health Information/Informatics	3

SUBPLAN ELECTIVE COURSES
Compliance and Security (HIS) (Select 9 credits)

		Credits
HSA 3113 📄	Contemporary Issues in Health Care & Human Services	3
HSA 4502 📄	Health Care Risk Management	3
HSC 4640 📄	Legal & Ethical Aspects of Health Care	3
ISM 4323 📄	Security Essentials	3
MAN 4584 📄	Process Improvement Methodologies	3

SUBPLAN COURSES
Management (HSA) (Select 15 credits)

		Credits
HSA 4502 📄	Health Care Risk Management	3
HSC 3243 📄	Educational Concepts in Allied Health Education	3
HSC 4640 📄	Legal & Ethical Aspects of Health Care	3
HSC 3211 📄	Concepts of Health Promotion & Disease Prevention	3
MAN 3240 📄	Applied Organizational Behavior	3
MAN 3301 📄	Public Personnel Management	3
MAN 4102 📄	Managing Cultural Diversity	3
MAN 4584 📄	Process Improvement Methodologies	3

SUBPLAN COURSES
Human Services (HUS) (Select 15 credits)

		Credits
HSC 3243	Educational Concepts in Allied Health Education	3
HSC 3211	Concepts of Health Promotion & Disease Prevention	3
HUS 3321	Case Management and Problem-Solving for Human Services	3
HUS 3370	Issues In Mental Health	3
HUS 3570	Vulnerable Populations:Health and Health Care Issues	3
HUS 4442	Substance Abuse and the Family	3
HUS 4561	Social Problems and Policy	3
HUS 3020 *	Human Development Through the Lifespan	3
HUS 3335 *	Advanced Counseling & Interviewing Skills	3
HUS 3505 *	Ethics in Human Services	3

SUBPLAN COURSES
Public Relations and Marketing (PRMKT) (Select 15 credits)

		Credits
HSA 3113	Contemporary Issues in Health Care & Human Services	3
HSC 3211	Concepts of Health Promotion & Disease Prevention	3
HSC 3243	Educational Concepts in Allied Health Education	3
MAN 3802	Principles of Entrepreneurship	3
MAN 4102	Managing Cultural Diversity	3
MAN 4625	Managing Global Human Resources	3
MAR 3802	Marketing Management	3
MAR 4413	Sales and Customer Relationship Management	3

SUBPLAN CORE COURSES
Respiratory Care (RESC) (Complete 15 credits)

		Credits
RET 3050	Evidence Based Medicine in Respiratory Care	3
RET 4285	Advanced Cardiopulmonary Medicine	4
RET 4494	Advanced Cardiopulmonary Pathophysiology	4
RET 4715	Advanced Neonatal and Pediatric Respiratory Care	4

Total Credits	**120**

[1]Completion of HSA 2001, HSA 2182 and HSC 2721 help to provide foundational knowledge for students without a health related background.
*Required course for Human Services BS (HUMSVC-BS) program; program is pending FLDOE approval.

<u>Notes</u>

Fully Online.

PID 1308

PROGRAM OF STUDY
College of Health Sciences
Health Care Services Certificate with Financial Aid Eligibility HSA-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0351070102)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Stephanie Watkins, Instructor in Charge
watkins.stephanie@spcollege.edu
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Program Summary

This program is offered as a Fully Online program.

The courses necessary to earn a certificate in Health Care Services and to be eligible for certification examination in Excel Spreadsheets are a part of the AS Health Sciences degree plan. Students may earn the certificate in Health Care Services and become eligible for certification examination in Excel Spreadsheets without completing the AS degree. All students are required to provide proof of CPR certification valid for 2 years that covers cardiac and breathing emergencies in adults, including the use of AED, & infant/child CPR, from American Heart Association or American Red Cross by completion of HSA-2182 Health Services Management Concepts.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

The Health Care Services Certificate program accepts applications continually throughout the year. The program is open access; it does not require a secondary health admissions application.

Students must demonstrate college-level competency in English, Reading, and Math, either through appropriate test scores or appropriate course completion.

By completion of the HSA 2182-Health Services Management Concepts course, students are required to submit proof of CPR certification that is valid for two years and covers infant/child CPR and cardiac and breathing emergencies in adults, including the use of AED (automated external defibrillator). This certification, from the American Heart Association or American Red Cross, must be submitted to the instructor in order to receive a grade.

MAJOR CORE COURSES Health Care Services Certificate		Credits
ACG 2021	Financial Accounting	3

Course	Title	Credits
BSC 1084 C *	Essentials of Human Anatomy & Physiology	4
CGS 1100	Computer Applications	3
HIM 2012	Health Law Concepts and Practices	2
HIM 2223	Introduction to Coding and Reimbursement Systems	2
HIM 2510	Healthcare Quality and Performance Improvement	2
HIM 2652	Electronic Health/Medical Record Systems	2
HSA 1100	Healthcare Delivery Systems	3
HSA 2001	Interprofessional Team Based Health Care	2
HSA 2182	Health Services Management Concepts	2
HSC 1531	Medical Terminology I	2
Total Credits		**27**

Total Credits	**27**

**BSC 2085/BSC 2085L and BSC 2086/BSC 2086L together can fulfill the BSC 1084C course requirement.

Notes

Fully Online.

PID 1230

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Dental Hygiene Focus Associate in Science
HSA-DENHY-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Stephanie Watkins, Instructor in Charge
watkins.stephanie@spcollege.edu
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For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Dental Hygiene refers only to the general education and support coursework and does not equate to earning a degree in Dental Hygiene. You can view the program of study for the Associate in Science in Dental Hygiene program here.

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the Dental Hygiene Admission Guide.

The Admission Guide will outline the admission criteria specific to the Dental Hygiene program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3
AMH 2020	History of the United States II	3
AMH 2020 H	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 21 credits

		Credits
PSY 1012 **1**	General Psychology	3
CGS 1100 **2**	Computer Applications	3
PHI 1600 **3**	Studies in Applied Ethics	3
BSC 2085	Human Anatomy & Physiology I	3
BSC 2085 L	Human Anatomy & Physiology Lab I	1
BSC 2086	Human Anatomy & Physiology II	3
BSC 2086 L	Human Anatomy & Physiology Laboratory II	1
MCB 2010	Microbiology	3
MCB 2010 L	Microbiology Laboratory	1
Total Credits		**21**

MAJOR CORE COURSES
Complete 27 credits

		Credits
ACG 2021	Financial Accounting	3
CGS 1515	Spreadsheet Techniques and Programming	3
HIM 2012	Health Law Concepts and Practices	2
HIM 2223	Introduction to Coding and Reimbursement Systems	2
HIM 2510	Healthcare Quality and Performance Improvement	2
HIM 2652	Electronic Health/Medical Record Systems	2
HSA 1100	Healthcare Delivery Systems	3
HSA 1102	Current Issues in Health	2
HSA 2001	Interprofessional Team Based Health Care	2
HSA 2182	Health Services Management Concepts	2
HSC 1149	General Pharmacology for Health Professionals	1
HSC 1531	Medical Terminology I	2
HSC 2721	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits | 60

1Completion of this course satisfies the Social/Behavioral Science General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
2Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
3Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

Notes

Fully Online.

PID 1321

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Emergency Medical Services Focus Associate in Science
HSA-EMS-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Stephanie Watkins, Instructor in Charge
watkins.stephanie@spcollege.edu
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For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Emergency Medical Services refers only to the general education and support coursework and does not equate to earning a degree in Emergency Medical Services. You can view the program of study for the Associate in Science in Emergency Medical Services program here.

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

There are no admissions requirements for this program.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3

	Credits
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

	Credits

Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.

POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 9 credits

		Credits
PSY 1012 **2** ⏷	General Psychology	3
CGS 1100 **3** ⏷	Computer Applications	3
PHI 1600 **4** ⏷	Studies in Applied Ethics	3
Total Credits		**9**

SUPPORT COURSES: Anatomy & Physiology/Nutrition & Wellness
Complete 8 credits

		Credits
BSC 1084 C ⏷	Essentials of Human Anatomy & Physiology	4
HUN 1201 ⏷	Science of Nutrition	3
HLP 1080 ⏷	Personal Wellness	1
	*** **OR** ***	
BSC 2085 ⏷	Human Anatomy & Physiology I	3
BSC 2085 L ⏷	Human Anatomy & Physiology Lab I	1
BSC 2086 ⏷	Human Anatomy & Physiology II	3
BSC 2086 L ⏷	Human Anatomy & Physiology Laboratory II	1
Total Credits		**8**

SUPPORT COURSES: Lecture & Lab
Complete 4 credits

		Credits
	Natural Science Core with separate lecture and lab OR if a separate lab is not available then one credit of available elective coursework (any prefix) may be used.	
AST 1002 ⏷	Introduction to Astronomy	3
BSC 1005 C ⏷	Biological Sciences with Lab	3
BSC 2010 ⏷	Biology I Cellular Processes	3
BSC 2010 L ⏷	Biology I Cellular Processes Laboratory	1
BSC 2085 ⏷	Human Anatomy & Physiology I	3
BSC 2085 L ⏷	Human Anatomy & Physiology Lab I	1
CHM 2045 ⏷	General Chemistry I	3
CHM 2045 L ⏷	General Chemistry & Qualitative Analysis Laboratory I	1
ESC 1000 C ⏷	Earth Science	3
EVR 1001 C ⏷	Introduction to Environmental Science	3
PHY 1053 ⏷	General Physics I	3
PHY 1048 L ⏷	Physics Laboratory I	1

PHY 2048 📄	Physics I	3
Total Credits		**4**

MAJOR CORE COURSES **Complete 27 credits**		**Credits**
ACG 2021 📄	Financial Accounting	3
CGS 1515 📄	Spreadsheet Techniques and Programming	3
HIM 2012 📄	Health Law Concepts and Practices	2
HIM 2223 📄	Introduction to Coding and Reimbursement Systems	2
HIM 2510 📄	Healthcare Quality and Performance Improvement	2
HIM 2652 📄	Electronic Health/Medical Record Systems	2
HSA 1100 📄	Healthcare Delivery Systems	3
HSA 1102 📄	Current Issues in Health	2
HSA 2001 📄	Interprofessional Team Based Health Care	2
HSA 2182 📄	Health Services Management Concepts	2
HSC 1149 📄	General Pharmacology for Health Professionals	1
HSC 1531 📄	Medical Terminology I	2
HSC 2721 📄	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

2Completion of this course satisfies the Social/Behavioral Science General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
3Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
4Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

Notes

Fully Online.

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: General Health Sciences Focus Associate in Science
HSA-GEN-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Stephanie Watkins, Instructor in Charge
watkins.stephanie@spcollege.edu
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For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary
This program is offered as a Fully Online program.

The following program of study lists the requirements to receive an Associate of Science degree in Health Sciences. Students who graduate from this program are prepared for entry level positions in healthcare services. Students who wish to continue their education after completing their Associate of Science degree can articulate into the Health Services Administration Bachelor of Science Program at SPC.

A minimum grade of "C" is required in all courses.

Academic Pathway
The Academic Pathway is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements
There are no admissions requirements for this program.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core   **Credits**

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3
AMH 2020	History of the United States II	3
AMH 2020 H	Honors History of the US II	3
Total Credits		**0**

Students must complete either option A or option B

SUPPORT COURSES: Lecture & Lab
Option A Complete 12 credits

		Credits
BSC 1084 C	Essentials of Human Anatomy & Physiology	4
and		
HUN 1201	Science of Nutrition	3
HLP 1080	Personal Wellness	1
and		
	Natural Science Core with separate lecture and lab OR if a separate lab is not available then one credit of available elective coursework (any prefix) may be used	4
AST 1002	Introduction to Astronomy	3
BSC 1005 C	Biological Sciences with Lab	3
BSC 2010	Biology I Cellular Processes	3
BSC 2010 L	Biology I Cellular Processes Laboratory	1
BSC 2085	Human Anatomy & Physiology I	3
BSC 2085 L	Human Anatomy & Physiology Lab I	1
CHM 2045	General Chemistry I	3
CHM 2045 L	General Chemistry & Qualitative Analysis Laboratory I	1
ESC 1000 C	Earth Science	3
EVR 1001 C	Introduction to Environmental Science	3
PHY 1053	General Physics I	3
PHY 1048 L	Physics Laboratory I	1
PHY 2048	Physics I	3

SUPPORT COURSES: Lecture & Lab
Option B Complete 12 credits

		Credits
BSC 2085	Human Anatomy & Physiology I	3
BSC 2085 L	Human Anatomy & Physiology Lab I	1
BSC 2086	Human Anatomy & Physiology II	3
BSC 2086 L	Human Anatomy & Physiology Laboratory II	1
MCB 2010	Microbiology	3
MCB 2010 L	Microbiology Laboratory	1

SUPPORT COURSES
Complete 6 credits

		Credits
CGS 1100 **2**	Computer Applications	3
PHI 1600 **3**	Studies in Applied Ethics	3
Total Credits		**6**

MAJOR CORE COURSES
Complete 27 credits

		Credits
ACG 2021	Financial Accounting	3
CGS 1515	Spreadsheet Techniques and Programming	3
HIM 2012	Health Law Concepts and Practices	2
HIM 2223	Introduction to Coding and Reimbursement Systems	2
HIM 2510	Healthcare Quality and Performance Improvement	2
HIM 2652	Electronic Health/Medical Record Systems	2
HSA 1100	Healthcare Delivery Systems	3
HSA 1102	Current Issues in Health	2
HSA 2001	Interprofessional Team Based Health Care	2
HSA 2182	Health Services Management Concepts	2
HSC 1149	General Pharmacology for Health Professionals	1
HSC 1531	Medical Terminology I	2
HSC 2721	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

2Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
3Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

Notes

Fully Online.

PID 1277

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Health Information Technology Focus Associate in Science
HSA-HIT-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Stephanie Watkins, Instructor in Charge
watkins.stephanie@spcollege.edu
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For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary
This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Health Information Technology refers only to the general education and support coursework and does not equate to earning a degree in Health Information Technology. You can view the program of study for the Associate in Science in Health Information Technology program here.

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements
Please review the **Health Information Technology A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Health Information Technology A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

	Credits

Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.

POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

Credits

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.

Total Credits	**0**

SUPPORT COURSES
Complete 9 credits

Credits

POS 2041 **1** ⏷	American National Government	3
CGS 1100 **2** ⏷	Computer Applications	3
PHI 1600 **3** ⏷	Studies in Applied Ethics	3
Total Credits		**9**

SUPPORT COURSES: Lecture & Lab
Complete 12 credits

Credits

BSC 1084 C ⏷	Essentials of Human Anatomy & Physiology	4
HUN 1201 ⏷	Science of Nutrition	3
HLP 1080 ⏷	Personal Wellness	1
	*** OR ***	
BSC 2085 ⏷	Human Anatomy & Physiology I	3
BSC 2085 L ⏷	Human Anatomy & Physiology Lab I	1
BSC 2086 ⏷	Human Anatomy & Physiology II	3
BSC 2086 L ⏷	Human Anatomy & Physiology Laboratory II	1
	*** AND***	
	Natural Science Core with separate lecture and lab OR if a separate lab is not available then one credit of available elective coursework (any prefix) may be used.	
AST 1002 ⏷	Introduction to Astronomy	3
BSC 1005 C ⏷	Biological Sciences with Lab	3
BSC 2010 ⏷	Biology I Cellular Processes	3
BSC 2010 L ⏷	Biology I Cellular Processes Laboratory	1
BSC 2085 ⏷	Human Anatomy & Physiology I	3
BSC 2085 L ⏷	Human Anatomy & Physiology Lab I	1

CHM 2045	General Chemistry I	3
CHM 2045 L	General Chemistry & Qualitative Analysis Laboratory I	1
ESC 1000 C	Earth Science	3
EVR 1001 C	Introduction to Environmental Science	3
PHY 1053	General Physics I	3
PHY 1048 L	Physics Laboratory I	1
PHY 2048	Physics I	3
Total Credits		**12**

MAJOR CORE COURSES **Complete 27 credits**		**Credits**
ACG 2021	Financial Accounting	3
CGS 1515	Spreadsheet Techniques and Programming	3
HIM 2012	Health Law Concepts and Practices	2
HIM 2223	Introduction to Coding and Reimbursement Systems	2
HIM 2510	Healthcare Quality and Performance Improvement	2
HIM 2652	Electronic Health/Medical Record Systems	2
HSA 1100	Healthcare Delivery Systems	3
HSA 1102	Current Issues in Health	2
HSA 2001	Interprofessional Team Based Health Care	2
HSA 2182	Health Services Management Concepts	2
HSC 1149	General Pharmacology for Health Professionals	1
HSC 1531	Medical Terminology I	2
HSC 2721	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

[1]Completion of this course satisfies the Social/Behavioral Science General Education Core requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
[2]Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
[3]Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

Notes

Fully Online.

PID 1322

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Nursing Focus Associate in Science
HSA-NURSE-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Stephanie Watkins, Instructor in Charge

watkins.stephanie@spcollege.edu

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For Academic Advising and Program Admissions Information, please contact:

Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Nursing refers only to the general education and support coursework and does not equate to earning a degree in Nursing. You can view the program of study for the Associate in Science in Nursing program here.

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the **Nursing A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Nursing A.S. Admission Guide program as well as explain the timetable for evaluation and further admission correspondence. If you are an LPN interested in the LPN to RN transitional program, check here: Nursing A.S.: LPN to RN transitional. If you are a Paramedic interested in the Paramedic to RN Transitional program, check here Nursing A.S.: Paramedic to RN transitional. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core   **Credits**

	Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

		Credits
	Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 🔖	American National Government	3
POS 2041 H 🔖	Honors American National Government	3
AMH 2020 🔖	History of the United States II	3
AMH 2020 H 🔖	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Social/Behavioral Science (Select 3 credits)

		Credits

Completion of this requirement satisfies the General Education Social/Behavioral Science and Civic Literacy course requirement for this AS degree

POS 2041 📄	American National Government	3
POS 2041 H 📄	Honors American National Government	3
AMH 2020 📄	History of the United States II	3
AMH 2020 H 📄	Honors History of the US II	3
Total Credits		**3**

SUPPORT COURSES
Complete 24 credits

		Credits
PSY 1012 **2** 📄	General Psychology	3
STA 2023 **3** 📄	Elementary Statistics	3
PHI 1600 **4** 📄	Studies in Applied Ethics	3
CGS 1100 **5** 📄	Computer Applications	3
BSC 2085 📄	Human Anatomy & Physiology I	3
BSC 2085 L 📄	Human Anatomy & Physiology Lab I	1
BSC 2086 📄	Human Anatomy & Physiology II	3
BSC 2086 L 📄	Human Anatomy & Physiology Laboratory II	1
MCB 2010 📄	Microbiology	3
MCB 2010 L 📄	Microbiology Laboratory	1
Total Credits		**24**

MAJOR CORE COURSES
Complete 27 credits.

		Credits
ACG 2021 📄	Financial Accounting	3
CGS 1515 📄	Spreadsheet Techniques and Programming	3
HIM 2012 📄	Health Law Concepts and Practices	2
HIM 2223 📄	Introduction to Coding and Reimbursement Systems	2
HIM 2510 📄	Healthcare Quality and Performance Improvement	2
HIM 2652 📄	Electronic Health/Medical Record Systems	2
HSA 1100 📄	Healthcare Delivery Systems	3
HSA 1102 📄	Current Issues in Health	2
HSA 2001 📄	Interprofessional Team Based Health Care	2
HSA 2182 📄	Health Services Management Concepts	2
HSC 1149 📄	General Pharmacology for Health Professionals	1
HSC 1531 📄	Medical Terminology I	2
HSC 2721 📄	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

2Completion of this course satisfies the Social/Behavioral Science General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
3Completion of this course satisfies the Mathematics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
4Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option

5Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option

<u>Notes</u>

Fully Online.

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Orthotics and Prosthetics Focus Associate in Science
HSA-ORTHO-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Stephanie Watkins, Instructor in Charge
watkins.stephanie@spcollege.edu
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For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Orthotics and Prosthetics refers only to the general education and support coursework and does not equate to earning a degree in Orthotics and Prosthetics. You can view the program of study for the Associate in Science in Orthotics and Prosthetics program here.

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the **Orthotics and Prosthetics Technology A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Orthotics and Prosthetics Technology A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS	
Communications - Composition- Core	**Credits**

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS	
Social and Behavioral Sciences- Core	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS	
Humanities and Fine Arts-Core	**Credits**
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS	
Mathematics-Core	**Credits**
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS	
Computer/Information Literacy Competency	**Credits**
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS	
Enhanced World View	**Credits**
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⅊	American National Government	3
POS 2041 H ⅊	Honors American National Government	3
AMH 2020 ⅊	History of the United States II	3
AMH 2020 H ⅊	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 9 credits

		Credits
PSY 1012 **1** ⅊	General Psychology	3
CGS 1100 **2** ⅊	Computer Applications	3
PHI 1600 **3** ⅊	Studies in Applied Ethics	3
Total Credits		**9**

SUPPORT COURSES: Lecture & Lab
Complete 8 credits

		Credits
BSC 2085 ⅊	Human Anatomy & Physiology I	3
BSC 2085 L ⅊	Human Anatomy & Physiology Lab I	1
and		
HUN 1201 ⅊	Science of Nutrition	3
HLP 1080 ⅊	Personal Wellness	1
and		
	Natural Science with separate lecture and lab OR if a separate lab is not available then one credit of available elective coursework (any prefix may be used)	4
Total Credits		**12**

MAJOR CORE COURSES
Complete 27 credits

		Credits
ACG 2021 ⅊	Financial Accounting	3
CGS 1515 ⅊	Spreadsheet Techniques and Programming	3
HIM 2012 ⅊	Health Law Concepts and Practices	2
HIM 2223 ⅊	Introduction to Coding and Reimbursement Systems	2
HIM 2510 ⅊	Healthcare Quality and Performance Improvement	2
HIM 2652 ⅊	Electronic Health/Medical Record Systems	2
HSA 1100 ⅊	Healthcare Delivery Systems	3
HSA 1102 ⅊	Current Issues in Health	2
HSA 2001 ⅊	Interprofessional Team Based Health Care	2
HSA 2182 ⅊	Health Services Management Concepts	2
HSC 1149 ⅊	General Pharmacology for Health Professionals	1

HSC 1531 🗎	Medical Terminology I	2
HSC 2721 🗎	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

1Completion of this course satisfies the Social/Behavioral Science General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
2Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
3Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

PID 1320

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Physical Therapist Assistant Focus Associate in Science
HSA-PTA-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Stephanie Watkins, Instructor in Charge

watkins.stephanie@spcollege.edu

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For Academic Advising and Program Admissions Information, please contact:

Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Physical Therapist Assistant (PTA) refers only to the general education and support coursework and does not equate to earning a degree in PTA. You can view the program of study for the Associate in Science in PTA program here .

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the **Physical Therapist Assistant A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Physical Therapist Assistant A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	

Total Credits	0

AS GENERAL EDUCATION REQUIREMENTS

Civic Literacy		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 📄	American National Government	3
POS 2041 H 📄	Honors American National Government	3
AMH 2020 📄	History of the United States II	3
AMH 2020 H 📄	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES

Complete 9 credits		Credits
PSY 1012 📄	General Psychology	3
CGS 1100 **3** 📄	Computer Applications	3
PHI 1600 **4** 📄	Studies in Applied Ethics	3
Total Credits		**9**

SUPPORT COURSES: Anatomy & Physiology/Nutrition & Wellness

Complete 12 credits		Credits
BSC 2085 **5** 📄	Human Anatomy & Physiology I	3
BSC 2085 L 📄	Human Anatomy & Physiology Lab I	1
BSC 2086 📄	Human Anatomy & Physiology II	3
BSC 2086 L 📄	Human Anatomy & Physiology Laboratory II	1
HUN 1201 📄	Science of Nutrition	3
HLP 1080 📄	Personal Wellness	1
Total Credits		**12**

MAJOR CORE COURSES

Complete 27 credits		Credits
ACG 2021 📄	Financial Accounting	3
CGS 1515 📄	Spreadsheet Techniques and Programming	3
HIM 2012 📄	Health Law Concepts and Practices	2
HIM 2223 📄	Introduction to Coding and Reimbursement Systems	2
HIM 2510 📄	Healthcare Quality and Performance Improvement	2
HIM 2652 📄	Electronic Health/Medical Record Systems	2
HSA 1100 📄	Healthcare Delivery Systems	3
HSA 1102 📄	Current Issues in Health	2
HSA 2001 📄	Interprofessional Team Based Health Care	2
HSA 2182 📄	Health Services Management Concepts	2
HSC 1149 📄	General Pharmacology for Health Professionals	1
HSC 1531 📄	Medical Terminology I	2

HSC 2721 📄	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

3Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
4Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
5Completion of this course satisfies the Natural Science Core General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option

Notes

Fully Online.

PID 1318

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Radiography Focus Associate in Science
HSA-RAD-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Stephanie Watkins, Instructor in Charge

watkins.stephanie@spcollege.edu

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For Academic Advising and Program Admissions Information, please contact:

Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Radiography refers only to the general education and support coursework and does not equate to earning a degree in Radiography. You can view the program of study for the Associate in Science in Radiography program here .

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

29-2034 Radiologic Technologists

Admission Requirements

Please review the **Radiography A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Radiography A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Speech

	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	

		Credits
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⤓	American National Government	3
POS 2041 H ⤓	Honors American National Government	3
AMH 2020 ⤓	History of the United States II	3
AMH 2020 H ⤓	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 6 credits

		Credits
PHI 1600 **1** ⤓	Studies in Applied Ethics	3
CGS 1100 **2** ⤓	Computer Applications	3
Total Credits		**6**

SUPPORT COURSES: Math
Complete 3 credits

		Credits
MAC 1105 **3** ⤓	College Algebra	3
or		
MAC 1114 **3** ⤓	Trigonometry	3
Total Credits		**3**

SUPPORT COURSES: Anatomy & Physiology/Nutrition & Wellness
Complete 12 credits

		Credits
BSC 2085 ⤓	Human Anatomy & Physiology I	3
BSC 2085 L ⤓	Human Anatomy & Physiology Lab I	1
BSC 2086 ⤓	Human Anatomy & Physiology II	3
BSC 2086 L ⤓	Human Anatomy & Physiology Laboratory II	1
HUN 1201 ⤓	Science of Nutrition	3
HLP 1080 ⤓	Personal Wellness	1
Total Credits		**12**

MAJOR CORE COURSES
Complete 27 credits

		Credits
ACG 2021 ⤓	Financial Accounting	3
CGS 1515 ⤓	Spreadsheet Techniques and Programming	3
HIM 2012 ⤓	Health Law Concepts and Practices	2
HIM 2223 ⤓	Introduction to Coding and Reimbursement Systems	2
HIM 2510 ⤓	Healthcare Quality and Performance Improvement	2
HIM 2652 ⤓	Electronic Health/Medical Record Systems	2

HSA 1100	Healthcare Delivery Systems	3
HSA 1102	Current Issues in Health	2
HSA 2001	Interprofessional Team Based Health Care	2
HSA 2182	Health Services Management Concepts	2
HSC 1149	General Pharmacology for Health Professionals	1
HSC 1531	Medical Terminology I	2
HSC 2721	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

1Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
2Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
3Completion of this course satisfies the Mathematics General Education Core requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

<u>Notes</u>

Fully Online.

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Respiratory Care Focus Associate in Science
HSA-RESC-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Stephanie Watkins, Instructor in Charge

watkins.stephanie@spcollege.edu

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For Academic Advising and Program Admissions Information, please contact:

Healthadvising@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Respiratory Care refers only to the general education and support coursework and does not equate to earning a degree in Respiratory Care. You can view the program of study for the Associate in Science in Respiratory Care program here.

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the **Respiratory Care A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Respiratory Care A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences**	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	**Credits**
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	**Credits**
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Computer/Information Literacy Competency**	**Credits**
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS **Enhanced World View**	**Credits**

	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 6 credits

		Credits
CGS 1100 **2** ⏷	Computer Applications	3
PHI 1600 **3** ⏷	Studies in Applied Ethics	3
Total Credits		**6**

SUPPORT COURSES: Anatomy & Physiology/Microbiology
Complete 12 credits

		Credits
BSC 2085 **4** ⏷	Human Anatomy & Physiology I	3
BSC 2085 L ⏷	Human Anatomy & Physiology Lab I	1
BSC 2086 ⏷	Human Anatomy & Physiology II	3
BSC 2086 L ⏷	Human Anatomy & Physiology Laboratory II	1
MCB 2010 ⏷	Microbiology	3
MCB 2010 L ⏷	Microbiology Laboratory	1
Total Credits		**12**

MAJOR CORE COURSES
Complete 27 credits

		Credits
ACG 2021 ⏷	Financial Accounting	3
CGS 1515 ⏷	Spreadsheet Techniques and Programming	3
HIM 2012 ⏷	Health Law Concepts and Practices	2
HIM 2223 ⏷	Introduction to Coding and Reimbursement Systems	2
HIM 2510 ⏷	Healthcare Quality and Performance Improvement	2
HIM 2652 ⏷	Electronic Health/Medical Record Systems	2
HSA 1100 ⏷	Healthcare Delivery Systems	3
HSA 1102 ⏷	Current Issues in Health	2

HSA 2001 📄	Interprofessional Team Based Health Care	2
HSA 2182 📄	Health Services Management Concepts	2
HSC 1149 📄	General Pharmacology for Health Professionals	1
HSC 1531 📄	Medical Terminology I	2
HSC 2721 📄	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

[2]Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
[3]Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
[4]Completion of this course satisfies the Natural Science General Education core requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

Notes

Fully Online.

PID 1325

PROGRAM OF STUDY
College of Health Sciences
Health Services: Surgical Services Focus Associate in Science
HSA-SURG-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Surgical Technology refers only to the general education and support coursework and does not equate to earning a degree in Surgical Technology. You can view the program of study for the Associate in Science in Surgical Technology program here.

The Academic Pathway is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)
If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the Surgical Technology A.S. Admission Guide.
The Admission Guide will outline the admission criteria specific to the Surgical Technology A.S. Admission Guide program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits

	Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
	Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences

		Credits
	Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

		Credits
	Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

		Credits
	Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3

		Credits
AMH 2020 🔺	History of the United States II	3
AMH 2020 H 🔺	Honors History of the US II	3
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

SUPPORT COURSES
Complete 6 credits

		Credits
CGS 1100 **2** 🔺	Computer Applications	3
PHI 1600 **3** 🔺	Studies in Applied Ethics	3
Total Credits		**6**

SUPPORT COURSES: Anatomy & Physiology/Nutrition & Wellness
Complete 12 credits

		Credits
BSC 2085 🔺	Human Anatomy & Physiology I	3
BSC 2085 L 🔺	Human Anatomy & Physiology Lab I	1
BSC 2086 🔺	Human Anatomy & Physiology II	3
BSC 2086 L 🔺	Human Anatomy & Physiology Laboratory II	1
HUN 1201 🔺	Science of Nutrition	3
HLP 1080 🔺	Personal Wellness	1
Total Credits		**12**

MAJOR CORE COURSES
Complete 27 credits

		Credits
ACG 2021 🔺	Financial Accounting	3
CGS 1515 🔺	Spreadsheet Techniques and Programming	3
HIM 2012 🔺	Health Law Concepts and Practices	2
HIM 2223 🔺	Introduction to Coding and Reimbursement Systems	2
HIM 2510 🔺	Healthcare Quality and Performance Improvement	2
HIM 2652 🔺	Electronic Health/Medical Record Systems	2
HSA 1100 🔺	Healthcare Delivery Systems	3
HSA 1102 🔺	Current Issues in Health	2
HSA 2001 🔺	Interprofessional Team Based Health Care	2
HSA 2182 🔺	Health Services Management Concepts	2
HSC 1149 🔺	General Pharmacology for Health Professionals	1
HSC 1531 🔺	Medical Terminology I	2
HSC 2721 🔺	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

2Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
3Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

PROGRAM OF STUDY
College of Health Sciences
Health Sciences: Veterinary Technology Focus Associate in Science HSA-VETTC-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351070101)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Stephanie Watkins, Instructor in Charge
watkins.stephanie@spcollege.edu
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Program Summary

This program is offered as a Fully Online program.

Completion of the following program of study will result in an Associate in Science Degree in Health Sciences. The specialized focus in Veterinary Technology refers only to the general education and support coursework and does not equate to earning a degree in Veterinary Technology. You can view the program of study for the on-campus Associate in Science in Veterinary Technology program here.

A minimum grade of "C" is required in all courses.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the **Veterinary Technology A.S. Campus Program Admission Guide** or **Veterinary Technology A.S. Online Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Veterinary Technology A.S program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Speech

	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⅄	American National Government	3
POS 2041 H ⅄	Honors American National Government	3
AMH 2020 ⅄	History of the United States II	3
AMH 2020 H ⅄	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 6 credits

		Credits
CGS 1100 **1** ⅄	Computer Applications	3
PHI 1600 **2** ⅄	Studies in Applied Ethics	3
Total Credits		**6**

SUPPORT COURSES: Anatomy & Physiology/Nutrition & Wellness
Complete 8 credits

		Credits
BSC 1084 C ⅄	Essentials of Human Anatomy & Physiology	4
HUN 1201 ⅄	Science of Nutrition	3
HLP 1080 ⅄	Personal Wellness	1
	OR	
BSC 2085 ⅄	Human Anatomy & Physiology I	3
BSC 2085 L ⅄	Human Anatomy & Physiology Lab I	1
BSC 2086 ⅄	Human Anatomy & Physiology II	3
BSC 2086 L ⅄	Human Anatomy & Physiology Laboratory II	1
Total Credits		**8**

SUPPORT COURSES: Lecture & Lab
Complete 4 credits

		Credits
	Natural Science Core with separate lecture and lab OR if a separate lab is not available then one credit of available elective coursework (any prefix) may be used.	
AST 1002 ⅄	Introduction to Astronomy	3
BSC 1005 C ⅄	Biological Sciences with Lab	3
BSC 2010 ⅄	Biology I Cellular Processes	3

BSC 2010 L ⏚	Biology I Cellular Processes Laboratory	1
BSC 2085 ⏚	Human Anatomy & Physiology I	3
BSC 2085 L ⏚	Human Anatomy & Physiology Lab I	1
CHM 2045 ⏚	General Chemistry I	3
CHM 2045 L ⏚	General Chemistry & Qualitative Analysis Laboratory I	1
ESC 1000 C ⏚	Earth Science	3
EVR 1001 C ⏚	Introduction to Environmental Science	3
PHY 1053 ⏚	General Physics I	3
PHY 1048 L ⏚	Physics Laboratory I	1
PHY 2048 ⏚	Physics I	3
Total Credits		**4**

MAJOR CORE COURSES **Complete 27 credits**		**Credits**
ACG 2021 ⏚	Financial Accounting	3
CGS 1515 ⏚	Spreadsheet Techniques and Programming	3
HIM 2012 ⏚	Health Law Concepts and Practices	2
HIM 2223 ⏚	Introduction to Coding and Reimbursement Systems	2
HIM 2510 ⏚	Healthcare Quality and Performance Improvement	2
HIM 2652 ⏚	Electronic Health/Medical Record Systems	2
HSA 1100 ⏚	Healthcare Delivery Systems	3
HSA 1102 ⏚	Current Issues in Health	2
HSA 2001 ⏚	Interprofessional Team Based Health Care	2
HSA 2182 ⏚	Health Services Management Concepts	2
HSC 1149 ⏚	General Pharmacology for Health Professionals	1
HSC 1531 ⏚	Medical Terminology I	2
HSC 2721 ⏚	Evidence-Based Healthcare Practice	1
Total Credits		**27**

Total Credits	**60**

[1]Completion of this course satisfies the Computer Competency General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.
[2]Completion of this course satisfies the Ethics General Education requirement for an AS degree. Equivalent courses (i.e. Honors, IDS) may also be an option.

Notes

Fully Online.

PID 1326

Social and Behavioral Sciences Department
Social and Human Services Associate in Science
HUS-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1451159901)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Latresha Moore, Human Services Program Director
Bighemmoore.latresha@spcollege.edu
(727) 497-5015

Dr. Joseph Smiley, Dean, Social/Behavioral Science & Human Services
smiley.joseph@spcollege.edu
727-712-5851

Program Summary

Human services professionals are front-line workers in their community. They work in a variety of settings with people from diverse backgrounds to help improve their quality of life, assist and support them through difficult times, or access additional resources and services. They assist other workers, such as counselors, therapists, social workers, or case managers, and they help clients find benefits or community services.

Our programs help students gain the needed skills to enter and succeed in this field. Our programs:
• Prepare students for quick entry-level employment
• Provide the educational/training hours necessary to obtain certain state certifications.
• Offer major core courses taught by instructors with experience and expertise in their field.
• Offer sub plan options for students to specialize in a preferred area of study.
• Reflect an interdisciplinary approach to psychology, mental health, addictions, counseling, social work, sociology, community health and youth development
• Emphasize interviewing/assessing, community outreach, addiction counseling, intervention techniques, knowledge of adaptive and maladaptive behavior patterns, communication skills, professional responsibility, and professional and ethical conduct.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Behavioral Health Technician
Case Manager
Client Advocate
Community Health Worker
Community Outreach Worker
Eligibility Counselor
Family Support Worker
Gerontology Aide
Group Home Worker
Home Health Aid
Human Services Assistant
Intake Interviewer
Juvenile Court Liaison
Life Skills Instructor
Mental Health Technician
Residential Counselor
Social Services Specialist
Social Services Technician
Social Work Assistant
Substance Abuse Technician
Victim Advocate
Youth Worker

Program Related Web Sites

NOHS (National Organization for Human Services) http://www.nationalhumanservices.org/
SOHS (Southern Organization for Human Services) http://www.nationalhumanservices.org/sohs
FCB (Florida Certification Board) http://flcertificationboard.org/
Florida Community Health Worker Coalition
http://floridachw.org/
Florida Afterschool Network http://www.myfan.org/resources.php#profdev
American Counseling Association http://www.counseling.org/
American Psychiatric Association http://psychiatry.org/
American Psychological Association http://www.apa.org/
ASAM (American Society of Addiction Medicine) http://www.asam.org/
Florida Alcohol & Drug Abuse Association http://www.fadaa.org/
Florida Department of Health http://www.floridahealth.gov/
National Alliance on Mental Illness (NAMI) http://www.nami.org/
National Association of Social Workers http://socialworkers.org/
National Council on Alcoholism and Drug Dependence http://ncadd.org/
National Institute on Drug Abuse http://www.drugabuse.gov/
National Institute of Mental Health http://www.nimh.nih.gov/index.shtml
SAMHSA (Substance Abuse and Mental Health Services Administration) http://www.samhsa.gov/

Admission Requirements

It is highly recommended that before entering the human services program students complete CGS 1070 or Computer/Information Literacy Competency requirement. General education and support courses do not have to be completed in the order listed. Program courses may be taken concurrently with general education and support courses. Please see an Academic Advisor at the St. Petersburg Gibbs campus or the Program Director.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core   **Credits**

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits
Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⬚	American National Government	3
POS 2041 H ⬚	Honors American National Government	3
AMH 2020 ⬚	History of the United States II	3
AMH 2020 H ⬚	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Ethics (Select 3 credits)

		Credits
PHI 1600 ⬚	Studies in Applied Ethics	3
PHI 1600 H ⬚	Honors Studies in Applied Ethics	3
Total Credits		**3**

Recommended Sequence of Major Courses:

MAJOR CORE COURSES
Complete 30 credits

		Credits
HUS 1111 ⬚	Introduction to Intra and Inter-Personal Processes	3
SYG 2324 ⬚	Principles of Substance Abuse	3
HUS 1001 ⬚	Principles and Strategies for Human Services	3
HUS 1318 ⬚	Domestic Abuse and Family Violence	1
HUS 2302 ⬚	Basic Counseling Skills	3
HUS 1320 ⬚	Theories and Foundations of Crisis Intervention	1
HUS 1450 ⬚	Dual Diagnosis I	2
HUS 2540 ⬚	Building Stronger Families and Communities	3
HUS 1445 ⬚	Practices for Working With Dysfunctional Family Systems	2
HUS 2550 ⬚	Social Services and the Disenfranchised	3
HUS 2200 ⬚	Dynamics of Groups and Group Counseling	3
HUS 2949 ⬚	Co-op Work Experience in Human Services	3
Total Credits		**30**

SUBPLAN
Select ONE subplan from below

		Credits
Total Credits		**12**

SUBPLAN CORE COURSES
Generalist/Social Services (SOC) (Complete 9 credits)

		Credits
HUS 1013 ⏷	Strategies for Building Self Esteem	3
HUS 1530 ⏷	Survey Developmental Disabilities	3
HUS 2315 ⏷	Studies in Behavioral Modification	3

SUBPLAN ELECTIVE COURSES
Generalist/Social Services (SOC) (Complete 3 Credits)

		Credits
HUS 1019 ⏷	Introduction to Stress Management	3
HUS 1040 ⏷	Introduction to Developmental Play	3
HUS 1353 ⏷	Issues in Community Health Services	3
HUS 2403 ⏷	Abused Substances and their Effects	3
HUS 2541 ⏷	Working with Families in the Early Childhood Period	3
HUS 2542 ⏷	Working with Families in the Perinatal Period	3
HUS 1620 ⏷	Principles and Best Practices in Afterschool Programs	3
HUS 1640 ⏷	Foundations of Youth Development	3
HUS 2420 ⏷	Evaluation of Treatment Environments	3
HUS 2421 ⏷	Methods for Identification and Intervention in Substance Abuse	3
HUS 2428 ⏷	Treatment and Resources in Substance Abuse	3

SUBPLAN CORE COURSES
Addiction Studies (ADS) (Complete 10 credits)

		Credits
HUS 1431 ⏷	Issues in Addiction Prevention	2
HUS 1480 ⏷	HIV/AIDS & Drug Crisis	2
HUS 2428 ⏷	Treatment and Resources in Substance Abuse	3
HUS 2420 ⏷	Evaluation of Treatment Environments	3
or		
HUS 2421 ⏷	Methods for Identification and Intervention in Substance Abuse	3

SUBPLAN ELECTIVE COURSES
Addiction Studies (ADS) (Complete 2 Credits)

		Credits
HUS 1427 ⏷	Dependent Women: Society and Addiction	2
HUS 1011 ⏷	Applied Assertiveness Skills	2
HUS 1021 ⏷	Problem Solving & Values Orientation	2

SUBPLAN CORE COURSES
Community Health Worker (CHW) (Complete 9 credits)

		Credits
HUS 1353 ⏷	Issues in Community Health Services	3
HUS 2542 ⏷	Working with Families in the Perinatal Period	3
HUS 2541 ⏷	Working with Families in the Early Childhood Period	3

SUBPLAN ELECTIVE COURSES
Community Health Worker (CHW) (Complete 3 Credits)

Credits

HUS 1013 🅟	Strategies for Building Self Esteem	3
HUS 1019 🅟	Introduction to Stress Management	3
HUS 2403 🅟	Abused Substances and their Effects	3
HUS 2315 🅟	Studies in Behavioral Modification	3

SUBPLAN CORE COURSES **Youth Development Professional (YDP) (Complete 9 credits)**		**Credits**
HUS 1620 🅟	Principles and Best Practices in Afterschool Programs	3
HUS 1640 🅟	Foundations of Youth Development	3
HUS 2315 🅟	Studies in Behavioral Modification	3

SUBPLAN ELECTIVE COURSES **Youth Development Professional (YDP) (Complete 3 Credits)**		**Credits**
HUS 1013 🅟	Strategies for Building Self Esteem	3
HUS 1019 🅟	Introduction to Stress Management	3
HUS 1040 🅟	Introduction to Developmental Play	3
HUS 1530 🅟	Survey Developmental Disabilities	3
HUS 2403 🅟	Abused Substances and their Effects	3

Total Credits	**60**

PID 1260

PROGRAM OF STUDY
College of Computer & Information Technology
Cybersecurity Associate in Science
ITSC-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1511100307)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
duff.john@spcollege.edu
727-341-7176

Laura Malave, Academic Chair
malave.laura@spcollege.edu
727-398-8285

Program Summary

This program is offered as a Fully Online program.

This program is designed to prepare the student to develop an organizational network and security program using risk management strategies, and to develop a strategy to address the increased growth of informational technology security concerns from regional to international environments. Students also learn how to evaluate security techniques that assist in the prevention of hackers and cyber-attacks. Students are given the opportunity to sit for the CompTIA A+, CompTIA Security+, EC-Council Certified Ethical Hacker, Cisco CCNA CyberOps and Cisco CCENT industry certifications.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Information Security Analyst
• Information Management Specialist
• Network Security Administrator

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all Support and Major courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

	Credits
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.

	Total Credits	0

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 📄	American National Government	3
POS 2041 H 📄	Honors American National Government	3
AMH 2020 📄	History of the United States II	3
AMH 2020 H 📄	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Complete 21 credits

		Credits
CET 1171 C 📄	Computer Repair Essentials	3
CET 1172 C 📄	Computer Support Technician	3
CET 1600 📄	Introduction to Networks	3
CET 1610 📄	Switching, Routing, and Wireless Essentials	3
CJE 1686 📄	Forensic Computer Related Crime Investigations	3
CGS 1309 📄	Computer and Information Technology Concepts	3
CTS 2106 📄	Fundamentals of the Linux/Unix Operating Environment	3
Total Credits		**21**

MAJOR CORE COURSES
Complete 18 credits

		Credits
CET 2691 📄	Laws & Legal Aspects of IT Security	3
CGS 2811 📄	Incident Response & Disaster Recovery	3
CIS 1358 📄	Operating System Security	3
CTS 1120 📄	Network Security Foundations	3

CTS 1314 *	Network Defense and Countermeasures	3
CIS 2352	Ethical Hacking	3
Total Credits		**18**

MAJOR CORE COURSES INTERNSHIP		**Credits**
CTS 2940	Cybersecurity Internship	3
Total Credits		**3**

Total Credits	**60**

*Note: Course is pending approval for change to CTS 2314.

Notes

Fully Online

PID 1287

PROGRAM OF STUDY
College of Computer & Information Technology
Cybersecurity Certificate with Financial Aid Eligibility
ITSC-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

Laura Malave, Academic Chair
Malave.Laura@spcollege.edu
727-398-8285

Program Summary

This program is offered as a Fully Online program.

The prerequisites for entry are basic computer usage skills: editing files, navigating a file system, browsing the Web, basic knowledge of networking, and working knowledge or training in the Unix or Linux operating system.

This certificate emphasizes understanding and demonstrated skills of the following concepts related to IT security: policies, intrusion detection systems, router security, TCP/IP (Transmission Control Protocol/Internet Protocol), and network security basics; implementing and managing a firewall; auditing tools; basics of cryptography, biometrics, and file encryption; hardware and software designed to secure information network systems; and legal aspects of IT security. The courses include tasks that will enhance the students' ability to interpret data and information from various sources and create reports based upon this information.

This certificate emphasizes an understanding of the following concepts related to IT security: policies, intrusion detection systems, router security, and network security basics. This certificate prepares the student for the CompTIA Security +, Cisco CCNA Cyber Operations, and EC-Council Certified Ethical Hacker industry certifications exams.

These courses will apply toward the A.S. degree in Information Technology (IT) Security.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

- Help Desk Technician
- Network Administrator I
- Technical Support Specialist
- Information Technology Security Specialist

Admission Requirements

There are no admissions requirements for this program.

MAJOR CORE COURSES		Credits
CTS 1120	Network Security Foundations	3
CIS 1358	Operating System Security	3
CTS 1314 **1**	Network Defense and Countermeasures	3
CGS 2811	Incident Response & Disaster Recovery	3
CET 2691	Laws & Legal Aspects of IT Security	3
CIS 2352	Ethical Hacking	3
Total Credits		**18**

Total Credits	**18**

1Note: Course is pending approval for change to CTS 2314.

Notes

Fully Online

PID 491

PROGRAM OF STUDY
College of Education
Infant and Toddler Specialization Certificate Certificate without Financial Aid Eligibility
ITSP-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Anne Ryan, Lead Instructor
ryan.anne@spcollege.edu
727.791.2776

Program Summary

This program is offered as a Fully Online program.

This 12-credit certificate is part of the A.S. degree in Early Childhood Education. Students earning the certificate will gain skills and knowledge to provide quality care to infants and toddlers in early childhood settings.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Preschool Teacher; Head Start Teacher; Early Head Start Teacher

Admission Requirements

There are no admissions requirements for this program.

MAJOR CORE COURSES Complete 12 credits		Credits
EEC 1603 ⅃	Early Childhood Development	3
EEC 1512 ⅃	Caring for Infants and Toddlers	3
EEC 1223 ⅃	Observation and Assessment in Early Childhood	3
EEC 2271 ⅃	Introduction to Working with Young Children with Special Needs	3
Total Credits		**12**

Total Credits	12

<u>Notes</u>

Fully Online.

PROGRAM OF STUDY
Natural Science Department
Laboratory Specialist Advanced Technical Certificate with Financial Aid Eligibility
LAB-ATC

Effective Catalog Term: Fall 2020 (0580) through Present (CIP# 0312030166)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Natavia Middleton, Dean
middleton.natavia@spcollege.edu
727-398-8288

Program Summary

A Laboratory Specialist Advanced Technical Certificate (ATC) provides students with exposure to the principles of biological sciences, chemistry and mathematics necessary for success in a scientific work environment.

Laboratory technicians work under the direction of a laboratory supervisor and have diverse work environments that range from government laboratories to manufacturing laboratory environments. Many of the courses contained within this certificate are also prerequisites for Allied Health and STEM (science, technology, engineering and mathematics) degree programs.

Credits within this certificate may apply towards the State Mandated Prerequisites for the Biology degree (B.S.). Some credits from this certificate can also be applied toward the Biotechnology A.S. degree at SPC. Students may pursue one or more certificates to develop or upgrade their skills in a particular field, or pursue the A.S. and B.S. degree and earn technical certificates while completing the requirements for the degree

NOTE: Many courses for this certificate have prerequisite requirements and/or co-requisite courses listed in the course descriptions. Students are advised to be guided by these requirements.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Biological Technician
Food Technician
Chemical Technician
Laboratory Technician
Life and Physical Technician

<u>Admission Requirements</u>

To be admitted to this certificate program, the student must have graduated with an Associate in Arts degree or an Associate in Science in Biotechnology, Health Sciences, Environmental Science, or a Bachelor of Science in Biology.

<u>Graduation Requirements</u>

A GRADE OF "C" OR BETTER IS REQUIRED IN ALL COURSES.

Lecture courses must be taken with corresponding lab.

MAJOR CORE COURSES

Professional Coursework Biological Sciences (Complete 8 credits)	**Credits**
BSC 2010 C H ⬚	Honors Biology I Cellular Processes with Laboratory	4
BSC 2010 ⬚	Biology I Cellular Processes	3
BSC 2010 L ⬚	Biology I Cellular Processes Laboratory	1
BSC 2085 ⬚	Human Anatomy & Physiology I	3
BSC 2085 L ⬚	Human Anatomy & Physiology Lab I	1
BSC 2011 ⬚	Biology II Organisms & Ecology	3
BSC 2011 L ⬚	Biology II Laboratory	1
BSC 2086 ⬚	Human Anatomy & Physiology II	3
BSC 2086 L ⬚	Human Anatomy & Physiology Laboratory II	1
Total Credits		**8**

MAJOR CORE COURSES

Professional Coursework Chemical Laboratory (Complete 16 credits)	**Credits**
CHM 2045 ⬚	General Chemistry I	3
CHM 2045 L ⬚	General Chemistry & Qualitative Analysis Laboratory I	1
CHM 2046 ⬚	General Chemistry II	3
CHM 2046 L ⬚	General Chemistry Laboratory II	1
CHM 2210 ⬚	Organic Chemistry I	3
CHM 2210 L ⬚	Organic Chemistry Laboratory I	1
CHM 2211 ⬚	Organic Chemistry II	3
CHM 2211 L ⬚	Organic Chemistry Laboratory II	1
Total Credits		**16**

Lecture courses must be taken with corresponding lab.

MAJOR ELECTIVE COURSES

Professional Elective Coursework (Complete 20 credits)	**Credits**
BCH 4024 ⬚	Biochemistry	4
BSC 2419 C ⬚	Cell Culture	3
BSC 2420 ⬚	Introduction to Biotechnology	3
BSC 2426 C ⬚	Biotechnology Methods I	4
BSC 2427 C ⬚	Biotechnology Methods II	4
BSC 2435 ⬚	Introduction to Bioinformatics	3
BSC 2461 ⬚	Introduction to Biotechnology Model Systems	3
BSC 3932 ⬚	Scientific Communication	2
CHM 1025 ⬚	Introductory Chemistry	3

Course	Title	Credits
CHM 1025 L	Introductory Chemistry Lab	1
MAC 1114	Trigonometry	3
MAC 1140	Pre-Calculus Algebra	3
MAC 2311	Calculus with Analytic Geometry I	5
MAC 2312	Calculus with Analytic Geometry II	5
MCB 2010	Microbiology	3
MCB 2010 C H	Honors Microbiology with Laboratory	4
MCB 2010 L	Microbiology Laboratory	1
MCB 3020	Microbiology	3
MCB 3020 L	Microbiology Lab	1
PCB 3023	Cell Biology	3
PCB 3023 L	Cell Biology Laboratory	1
PCB 3063	Genetics	3
PCB 3063 L	Genetics Lab	1
PCB 4454 C	Biostatistics with Lab	4
PHY 1048 L	Physics Laboratory I	1
PHY 1049 L	Physics Laboratory II	1
PHY 1053	General Physics I	3
PHY 1054	General Physics II	3
PHY 2048	Physics I	3
PHY 2049	Physics II	3
STA 2023	Elementary Statistics	3
STA 2023 H	Honors Elementary Statistics	3
Total Credits		**20**

Total Credits	**44**

PROGRAM OF STUDY
Engineering and Building Arts Department
Lean Six-Sigma Green Belt Certificate without Financial Aid Eligibility
LEAN-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

<u>Program Leadership Information</u>
Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

<u>Program Summary</u>

This Green Belt certificate provides a series of courses that focuses on the concepts, theories, and tools of the Lean Enterprise and Six Sigma as used in the manufacturing and services industries. The program covers the methods used in Lean and Six Sigma such as continuous flow, overall equipment effectiveness (OEE), Kaizen, process mapping, the 5S's, total productive maintenance (TPM), cellular manufacturing, the DMAIC, self-directed work teams, the kanban system, design for manufacturing, and value steam mapping. Throughout industry today there is a significant need of individuals educated in the methods of the concepts and tools of the Lean Enterprise and Six Sigma.

The courses in this Green Belt certificate program are part of the Quality Specialty Subplan in the AS degree in Engineering Technology.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the <u>recommended Academic Pathway</u>.

If you have already started the program, click here for the <u>archived Academic Pathways</u>.

Please verify the Academic Pathway lists your correct starting semester.

<u>Job-Related Opportunities</u>
• Quality Technician
• Process Technician
• Production Assistant
• Manufacturing Technician

MAJOR CORE COURSES		Credits
ETI 1622	Intro to Lean Six Sigma	3
ETI 1110	Introduction to Quality Assurance	3
ETI 2610	Six Sigma Methodology and Tools	3

ETI 2623	Lean Systems	3
Total Credits		**12**

Total Credits	**12**

PROGRAM OF STUDY
College of Policy, Ethics and Legal Studies
Paralegal Studies Associate in Science
LEGAL-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1722030200)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Susan Demers, Dean
(727) 791-2501

Program Summary

(Transferable to Paralegal Studies BAS degree at SPC)

The goal of this program is to train students for entry-level employment as legal assistants (paralegals) in law firms, governmental entities and corporate legal departments. Paralegals work under the supervision of attorneys to provide non-clerical professional support in the delivery of legal services to clients and the community. Paralegals are not licensed to practice law. Graduates are prepared to assist in interview and investigation, legal research, discovery and litigation support and design and development of new procedures. Courses emphasize the following practice areas: Civil Litigation; Criminal Litigation; Family Law; Wills, Trusts, and Estates; Business Organizations; and Real Estate Transactions.

Legal Specialty courses are offered only at night and not every course is offered every semester. Program is directed from the Clearwater campus with a majority of the classes held at the Clearwater Campus. The SPC Paralegal Studies Program is approved by the American Bar Association.

Students entering the program are encouraged to attend a special orientation held each session for new and interested students. Computer skills are essential for employability and should be acquired early in the program.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Sample of reported job titles: Paralegal, Law Clerk, Legal Assistant, Legal Clerk, Real Estate Paralegal, Summer Law Associate, Legal Analyst, Paralegal Specialist, Certified Paralegal, Immigration Paralegal

Graduation Requirements

Minimum grade of "C" required in all support and major courses.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Communications - Literature**	Credits
Complete 3 credits from the approved General Education Composition II/Literature coursework . Minimum grade of "C" required. This requirement must be completed within the first 36 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

		Credits
	Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⊠	American National Government	3
POS 2041 H ⊠	Honors American National Government	3
AMH 2020 ⊠	History of the United States II	3
AMH 2020 H ⊠	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Financial Accounting (Complete 3 credits)

		Credits
ACG 2021 ⊠	Financial Accounting	3
Total Credits		**3**

MAJOR CORE COURSES
Complete 40 credits

		Credits
BUL 2241 ⊠	Business Law I	3
PLA 1003 ⊠	Introduction to Paralegalism	3

PLA 1104 📄	Legal Research and Writing	3
PLA 1361 📄	Techniques of Interview and Investigation	3
PLA 1730 📄	Computerized Legal Research	1
PLA 1763 📄	Law Office Practice and Technology	3
PLA 2114 📄	Advanced Legal Research	3
PLA 2201 📄	Civil Law and Procedure	3
PLA 2304 📄	Criminal Law and Procedure	3
PLA 2433 📄	Business Organizations	3
PLA 2600 📄	Wills, Estates, Trusts, & Probate Administration	3
PLA 2610 📄	Real Estate Transactions	3
PLA 2800 📄	Family Law	3
PLA 2940 📄	Legal Assistant Seminar and Work Experience	3
Total Credits		**40**

Total Credits — 64

PROGRAM OF STUDY
College of Policy, Ethics and Legal Studies
Paralegal Studies Bachelor of Applied Science
LEGAL-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1102203022)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Susan Demers, Dean

Program Summary

The Paralegal Studies BAS program is designed to train students for careers as paralegals in law firms, governmental entities and corporate legal departments. Paralegals work under the supervision of attorneys to provide non-clerical professional support in the delivery of legal services to clients and the community. Paralegals are not licensed to practice law.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements
FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

ADMISSIONS COURSES **A.A. Degree or A.S. Degree**	**Credits**
Total Credits	**60**

For A.S. degree holders, an additional 15-21 general education credits are required to complete the thirty-six (36) credit hour general education requirement of St. Petersburg College.

ADMISSIONS COURSES

ADDITIONAL GENERAL EDUCATION COURSES - Grade of "C" or higher	Credits
Enhanced World View Course	
A. COMMUNICATIONS	9
B. HUMANITIES/FINE ARTS	6
C. MATHEMATICS	6
D. NATURAL & PHYSICAL SCIENCES	6
E. SOCIAL AND BEHAVIORAL SCIENCES	6
F. ETHICS	3
G. COMPUTER/INFORMATION LITERACY COMPETENCY	
Total Credits	**15**

MAJOR CORE COURSES

Grade of "C" or higher required for all upper-division courses		Credits
PLA 3885	United States Constitutional Law	3
PLA 4116	Legal Writing Seminar	3
PLA 3723	Logic and the Law	3
PLA 4830	Comparative Legal Systems	3
PLA 3703	Seminar in Professional Responsibility	3
PLA 3734	Computers and the Law Office	3
Total Credits		**18**

MAJOR CORE COURSES

REQUIRED FINAL COURSE - Last Semester for All Students		Credits
PLA 4941	Paralegal Studies Capstone	3
Total Credits		**3**

MAJOR ELECTIVE COURSES

Select 24 credits - Grade of "C" or higher required for all upper-division courses	Credits
Total Credits	**24**

Complete a total of 24 credits of upper division PLA coursework. Within the 24 credits students may complete up to 12 credits of upper division BUL, PAD and/or PUP coursework as part of this requirement.

MAJOR ELECTIVE COURSES

Complete a minimum of 12 credits from PLA electives	Credits
PLA 3XXX Any 3000 level PLA prefix course	
PLA 4XXX Any 4000 level PLA prefix course	

MAJOR ELECTIVE COURSES

Complete 12 credits from PLA, BUL, PAD and/or PUP electives	Credits

BUL 3XXX Any 3000 level BUL prefix course
BUL 4XXX Any 4000 level BUL prefix course
PAD 3XXX Any 3000 level PAD prefix course
PAD 4XXX Any 4000 level PAD prefix course
PLA 3XXX Any 3000 level PLA prefix course
PLA 4XXX Any 4000 level PLA prefix course
PUP 3XXX Any 3000 level PUP prefix course
PUP 4XXX Any 4000 level PUP prefix course

Total Credits	**120**

PROGRAM OF STUDY
College of Policy, Ethics and Legal Studies
Paralegal Studies Certificate with Financial Aid Eligibility
LEGAL-CT

Effective Catalog Term: Fall 2020 (0580) through Present (CIP# 5552203020)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Susan Demers, Dean
(727) 791-2501

Program Summary

The Paralegal studies courses identified in this certificate program will meet the educational requirement for the Certified Legal Assisting Examination administered nationwide by the National Association of Legal Assistants.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

• Paralegal within private law firms, governmental entities, or corporate legal offices.

Admission Requirements

• Applicants must have graduated with at least a bachelor's degree from a regionally accredited college or university.
• Applicants must have a 2.0 overall grade point average.
• Applicants must meet the College's Computer/Information Literacy Competency Requirement

MAJOR CORE COURSES		Credits
PLA 1003	Introduction to Paralegalism	3
PLA 1104	Legal Research and Writing	3
PLA 1361	Techniques of Interview and Investigation	3
PLA 1763	Law Office Practice and Technology	3
PLA 2201	Civil Law and Procedure	3
PLA 2114	Advanced Legal Research	3
PLA 3703	Seminar in Professional Responsibility	3
PLA 4944	Paralegal Certificate Capstone	3
Total Credits		**24**

Total Credits	24

PROGRAM OF STUDY
College of Computer & Information Technology
Network Administration Certificate with Financial Aid Eligibility
LINXSA-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

John Long, Academic Dept. Chair
long.john@spcollege.edu
727-341-4620

Program Summary

This certificate program is designed to produce certified network administrators and engineers. Students will learn skills and perform tasks required to administer Microsoft and Linux networked servers. These skills include the design, implementation, networking, managing, maintaining, providing services, providing applications, and security of a server network environment.

Upon completion of the specified courses, students will be prepared to take industry certification, and upon successful completion of all coursework, students will be awarded a college certificate for this program. These courses will apply toward the AS degree in Networking Technologies.

Some courses may require a prerequisite that must be met by the student.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• System Administrator
• End-user Specialist
• Network Support Specialist
• System Manager

Program Related Web Sites

http://www.spcollege.edu/Linux_System_Administrator_Certificate/

MAJOR CORE COURSES
Complete 21 credits - Grade of "C" or better required

		Credits
CET 1171 C ⬛	Computer Repair Essentials	3
CET 1172 C ⬛	Computer Support Technician	3
COP 1000 ⬛	Introduction to Computer Programming	3
CNT 1000 ⬛	Local Area Network Concepts	3
CTS 2106 ⬛	Fundamentals of the Linux/Unix Operating Environment	3
CTS 2321 ⬛	Linux System Administration	3
CTS 1328 ⬛	Windows Server Administration	3
Total Credits		**21**

Total Credits	**21**

PROGRAM OF STUDY
College of Nursing
Nursing (R.N.) - LPN Transitional Program Associate in Science
LPN-NURSE-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351380100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Louisana Louis, DNP, RN, Dean, College of Nursing

Health Education Center, Advising
hec_advising@spcollege.edu

Program Summary

This program is fully transferable to a Bachelor's Degree in Nursing at SPC or to any state university in Florida.

The day program begins in May. The evening program begins August and January. If admitted in May, you will have needed to complete additional general education courses prior to admission in order to graduate within the three semesters.

Access to a computer is helpful!

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

A health program advising request can be made here: https://web.spcollege.edu/survey/16998/

Graduation Requirements

Minimum grade of "C" required in all courses.

Any student who makes a grade of less than "C" in a course in the nursing program that is a prerequisite to a nursing course will be ineligible to continue in the nursing program. Likewise, the clinical component of any nursing rotation must be satisfactorily passed. An overall 2.0 average is required to enroll in sophomore nursing courses. Credit must be earned in or prior to the prescribed sequence.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core   **Credits**

	Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

		Credits
	Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 📄	American National Government	3
POS 2041 H 📄	Honors American National Government	3
AMH 2020 📄	History of the United States II	3
AMH 2020 H 📄	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Mathematics (Select 3 credits)

		Credits

Completion of this requirement satisfies the General Education Mathematics Core requirement for this AS degree.

STA 2023 ⏍	Elementary Statistics	3
STA 2023 H ⏍	Honors Elementary Statistics	3
Total Credits		**3**

SUPPORT COURSES **Ethics (Select 3 credits)**		**Credits**
	Completion of this requirement satisfies the General Education Ethics requirement for this AS degree. Students are strongly advised to select the Healthcare Ethics topic when they register for PHI 1600.	
PHI 1600 ⏍	Studies in Applied Ethics	3
PHI 1600 H ⏍	Honors Studies in Applied Ethics	3
Total Credits		**3**

SUPPORT COURSES **Social/Behavioral Science (Select 3 credits)**		**Credits**
	Completion of this requirement satisfies the General Education Social/Behavioral Science requirement for this AS degree.	
PSY 1012 ⏍	General Psychology	3
PSY 1012 H ⏍	Honors General Psychology	3
Total Credits		**3**

SUPPORT COURSES **Social/Behavioral Science (Select 3 credits)**		**Credits**
	Completion of this requirement satisfies the General Education Social/Behavioral Science Core requirement and the Civic Literacy course requirement for this AS degree.	
AMH 2020 ⏍	History of the United States II	3
AMH 2020 H ⏍	Honors History of the US II	3
POS 2041 ⏍	American National Government	3
POS 2041 H ⏍	Honors American National Government	3
Total Credits		**3**

SUPPORT COURSES: Anatomy & Physiology/Microbiology **Complete 12 credits**		**Credits**
BSC 2085 ⏍	Human Anatomy & Physiology I	3
BSC 2085 L ⏍	Human Anatomy & Physiology Lab I	1
BSC 2086 ⏍	Human Anatomy & Physiology II	3
BSC 2086 L ⏍	Human Anatomy & Physiology Laboratory II	1
MCB 2010 ⏍	Microbiology	3
MCB 2010 L ⏍	Microbiology Laboratory	1
Total Credits		**12**

SUPPORT COURSES
Computer and Information Literacy Competency (Complete 1 course) **Credits**

	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required. Completion of this requirement satisfies the General Education Computer Competency requirement for this AS degree.	
CGS 1070 🅰	Basic Computer and Information Literacy	1
CGS 1100 🅰	Computer Applications	3
CGS 1309 🅰	Computer and Information Technology Concepts	3
EME 2040 🅰	Introduction to Educational Technology	3
Total Credits		**0**

MAJOR CORE COURSES
1st Term in Program (Complete 20 credits) **Credits**

NUR 1003 C 🅰	LPN Transition Health Concepts	8
NUR 1083 🅰	LPN Transition Professional Nursing	1
NUR 1147 🅰	LPN Transition Pharmacology	2
	Gold Standard articulated credit	10
Total Credits		**21**

MAJOR CORE COURSES
2nd Term in Program (Complete 10 credits) **Credits**

NUR 2035 C 🅰	Health Concepts III	9
NUR 1148 🅰	Pharmacology III	1
NUR 1113 🅰	Professional Nursing III	1
Total Credits		**11**

MAJOR CORE COURSES
3rd Term in Program (Complete 12 credits) **Credits**

NUR 2205 C * 🅰	Health Concepts IV	6
NUR 1149 🅰	Pharmacology IV	1
NUR 2940 C 🅰	Practicum	3
Total Credits		**10**

Total Credits	**72**

PID 1316

PROGRAM OF STUDY
Engineering and Building Arts Department
Medical Device Design and Manufacturing Certificate with Financial Aid Eligibility
MDDM-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

This new college credit certificate for Medical Device Manufacturing and Design is designed to provide students with skills to work for a medical device manufacturer. The recommendation for a new CCC is based on work done in partnership with the SPC Biomedical Engineering Technology advisory board. One of Nation's largest concentrations of medical device companies is in Florida, which implies that many of these companies are constantly looking for new devices to add to the market. This CCC will provide manufacturers employees skilled in design, implementation, and risk analysis. The CCC could also benefit incumbent workers who want to expand their skills into device design and the certificate is financial aid eligible.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Graduation Requirements
All courses need to be completed with a minimum of a "C" grade.

MAJOR CORE COURSES
Medical Device Design and Manufacturing

Course	Title	Credits
BME 1008 C	Introduction to Biomedical Engineering Technology	3
EET 1084 C	Introduction to Electronics	3
EET 1205 C	Electronic Instrumentation	1
ETD 2364 C	Introduction to SolidWorks	3
ETI 2041 C	Medical Device Design and Prototyping	3
ETI 1622	Intro to Lean Six Sigma	3

ETS 1412 C 📄	Managing Medical Technology	3
ETS 2424 C 📄	Electro-Mechanical Systems	3
Total Credits		**22**

MAJOR CORE COURSES **Complete 3 credits**		**Credits**
ETD 2368 C 📄	Advanced Solidworks	3
or		
ETD 2369 C 📄	SolidWorks Applications	3
Total Credits		**3**

MAJOR CORE COURSES **Complete 3 credits**		**Credits**
ETD 2371 C 📄	Rapid Protyping Model Design and Fabrication	3
or		
ETD 2372 C 📄	Rapid Prototyping II-Manufacturing Methods	3
Total Credits		**3**

Total Credits	**28**

PROGRAM OF STUDY
Engineering and Building Arts Department
Medical Device Networking and Cybersecurity Certificate with Financial Aid Eligibility
MDNC-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0615040109)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Natavia Middleton, Dean
middleton.natavia@spcollege.edu
727-398-8288

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the manufacturing career cluster. The content includes but is not limited to designing, manufacturing, evaluating, troubleshooting, repairing and testing various types of biomedical equipment. Additionally, students will learn to function in a hospital or industry environment through an internship at a local biomedical department. During the internship, students will be assigned routine duties as biomedical equipment technicians.

Job-Related Opportunities

There are currently 11 positions in medical cybersecurity available in the Tampa Bay Area and over 50 positions in Florida.

Cybersecurity Analyst
Security Analyst
Network Engineer
Network Security Analyst

15-1212 Informaiton Security Analysts
15-1241 Computer Network Architects

Graduation Requirements

All courses must be completed with a minimum grade of C.

MAJOR CORE COURSES Complete 23 credits		Credits
BME 1008 C 📄	Introduction to Biomedical Engineering Technology	3
EET 1084 C 📄	Introduction to Electronics	3
CET 1171 C 📄	Computer Repair Essentials	3

CET 1172 C	Computer Support Technician	3
CET 1175 C	Medical Software and Troubleshooting	2
CNT 1000	Local Area Network Concepts	3
ETS 2450 C	Medical Device Networking	3
ETS 2470 C	Medical Device Cybersecurity	3
Total Credits		**23**

Total Credits	**23**

PROGRAM OF STUDY
Engineering and Building Arts Department
Mechatronics Certificate with Financial Aid Eligibility
MECH-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

This 30 credit hour certificate program offers a sequence of courses that provides comprehensive and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in Advanced Manufacturing. Students will be immersed into a hands-on program that will prepare for employment as industrial mechanics.

The content includes but is not limited to instruction in maintenance techniques, computer aided drafting/design skills, technical communications, maintenance and operation of various industrial components, robotics and automation systems, pneumatics and hydraulics, and motorsand controls.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

MAJOR CORE COURSES
Complete 30 credits

		Credits
EET 1084 C	Introduction to Electronics	3
EET 1035 C	AC/DC Circuits with Lab	3
ETI 1420	Manufacturing Processes and Materials I	3
ETI 1701	Industrial Safety	3
ETM 2315 C	Fluid Power	3
ETM 1010 C	Mechanical Measurement	3
ETS 1511 C	Motors and Controls	3
ETS 1535 C	Automation and Sensors	3
ETS 1542 C	Programmable Logic Controllers (PLCs)	3

ETS 2604 C	Robotics	3
Total Credits		**30**

Total Credits	**30**

College of Health Sciences

Medical Coding and Revenue Management Certificate with Financial Aid Eligibility

MEDCD-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0351071404)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kengia Sabree, RHIA, Academic Chair
sabree.kengia@spcollege.edu
727-341-3623

Program Summary

The Revenue Management (formerly known as the Medical Coder) Certificate is designed to provide a student with the skills necessary to transform medical diagnoses, procedures and injuries into designated numerical codes. There are many demands for accurately coded data from the medical records in hospitals, physician offices, as well as other healthcare institutions. Codes are provided on claim forms and on numerous medical record abstracts so third party payors and outside agencies may utilize this information. Coded data are also used internally by institutions for quality assurance activities, case-mix management and other administrative and research activities. A medical coder is an individual who analyzes medical records and assigns codes to classify diagnoses and procedures to support revenue cycle, assessment of clinical care, and medical research activity.

A medical record coder must have a thorough understanding of the content of the medical record as well as clinical knowledge including extensive training in anatomy, physiology, pharmacology and clinical disease process.

A coder must adhere to ethical principles relating to quality, truth, and accuracy in work performance and productivity. The suggested courses are in agreement with guidelines set forth by the American Health Information Management Association.

These courses will apply toward the AS degree in Health Information Management.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

- Coding Abstracting Analyst
- Inpatient Hospital Coder
- Insurance Claim Analyst
- Revenue Cycle Analyst
- Outpatient Coder
- Physician's Office/Clinic Coder
- Procedural Coder
- Reimbursement Specialist

Program Related Web Sites

www.ahima.org --- American Health Information Management Association
www.aapc.com --- American Academy of Professional Coders

Admission Requirements

Please review the **Revenue Management Certificate Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Revenue Management Certificate program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Before entering the first term of the Revenue Management "program courses," students must complete 9 credits which must include CGS 1100, HSC 1531, and BSC 1084 or (BSC 2085/2085L and BSC 2086/2086L) from the Support Courses listed below. These courses do not have to be completed in the order listed. Candidates will also complete the Health Programs Application form. Please see a counselor or advisor.

Graduation Requirements

In order to enroll in any program course with a prerequisite, a grade of "C" or better must have been earned in all prerequisite courses. Students must earn grades of "C" or better in all courses required for the Revenue Management CT curriculum in order to graduate from the program.

ADMISSIONS COURSES **Support Courses**		**Credits**
CGS 1100	Computer Applications	3
HSC 1531	Medical Terminology I	2
BSC 1084 C *	Essentials of Human Anatomy & Physiology	4
Total Credits		**9**

MAJOR CORE COURSES **1st Term in Program**		**Credits**
HIM 1101	HIM Standards and Practice	3
HIM 1140	Pharmacology and Pathophysiology for HIM Professionals	3
HIM 2223	Introduction to Coding and Reimbursement Systems	2
HIM 2229	Introduction to ICD-CM Coding	3
HIM 2652	Electronic Health/Medical Record Systems	2
Total Credits		**13**

MAJOR CORE COURSES **2nd Term in Program**		**Credits**
HIM 1800	Professional Practice Experience I	3

HIM 2723 🔽	ICD-PCS Coding	3
HIM 2253 🔽	Basic CPT Coding	3
HIM 2012 🔽	Health Law Concepts and Practices	2
Total Credits		**11**

MAJOR CORE COURSES 3rd Term in Program		**Credits**
HIM 2810 🔽	Professional Practice Experience II	3
HIM 2960 🔽	Credentialing Exam Review	1
Total Credits		**4**

Total Credits	**37**

*BSC 2085/BSC 2085L and BSC 2086/BSC 2086L together can fulfill the BSC 1084C course requirement.

Graduation Notes

New graduates from the Revenue Management Certificate program are advised to take the Certified Coding Associate (CCA) examination and gain coding experience in both inpatient and outpatient settings before taking the Certified Coding Specialist (CCS) examination and/or the Certified Coding Specialist-Physician-based (CCS-P) examination administered by the American Health Information Management Association (AHIMA).

PID 1179

PROGRAM OF STUDY
College of Education
Middle Grades Mathematics Education (5-9) Bachelor of Science MGMED-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1101313112)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kimberly Hartman, Dean
hartman.kimberly@spcollege.edu
(727) 712-5890

Program Summary

With our program, your classroom math content and applications learning is combined with practical, school-based experiences to prepare you for professional certification for middle schools. You earn a Bachelor of Science in Middle Grades Math Education (grades 5-9). (MGMED-BS)

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Our program prepares you for employment as a middle school teacher:
- job prospects are best for teachers in high-demand fields, such as science, math and bilingual education
- in 2010, the average salary of a Florida teacher was $50,000
- the Florida Legislature has determined there is a shortage of math and science teachers, making you eligible for student loan forgiveness programs

Source: Florida Department of Education and U.S. Bureau of Labor Statistics

Program Related Web Sites

http://www.bls.gov/ooh/home.htm

Admission Requirements

To be admitted to this 60-credit program, you need:
- An AA degree (or transcripts showing 60 credits from a regionally accredited school to include AA degree general education requirements)
- To have completed the state-mandated prerequisites with a grade of C or higher:
EDF 1005 Introduction to Education
MAC 2311 Calculus & Analytic Geometry I
MAC XXXX (3 credits of additional mathematics coursework with "MAC" prefix NOT including MAC 2233)
- A cumulative grade point average of 2.5 on a 4.00 scale in all college classes

- Passing scores from all sections of Florida's General Knowledge test

<u>Graduation Requirements</u>

GPA:
A cumulative GPA of 2.5 or higher is required for graduation; a grade of "C" or higher is required in all courses.

CULTURAL DIVERSITY:
Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours.

FOREIGN LANGUAGE:
This bachelor's degree program requires a minimum of two consecutive years of a foreign language in high school OR two semesters of a foreign language at the college level.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

ADMISSIONS REQUIREMENT A.A. Degree	Credits
Total Credits	**60**

STATE MANDATED PREREQUISITES Education	Credits
EDF 1005 🔎 Introduction to Education	3

In addition to the Education course listed above, students are required to complete the general education (Associates of Arts Degree) that corresponds with their catalog year/requirement term. Students who have earned a previous AA or bachelor's degree should consult an advisor for transcript review.

STATE MANDATED PREREQUISITES Mathematics (Complete 8 credits)	Credits
MAC 2311 🔎 Calculus with Analytic Geometry I	5
and	
Any MAC Prefix Course	3

MAJOR CORE COURSES Core Requirements (Complete 27 credits)	Credits
EDF 3214 🔎 Student Development and Learning Principles K-12	3
EDF 4430 🔎 Measurement, Evaluation and Assessment in Education K-12	3
EEX 3012 * 🔎 Nature and Needs of Exceptional Students K-12	3
EDG 3410 🔎 Classroom Management and Communication K-12	3
MAE 4943 * 🔎 Internship: Middle Grades Math Education 5-9	12
RED 4043 🔎 Reading within the Disciplines 5-12	3
Total Credits	**27**

MAJOR CORE COURSES
Major Requirements (Complete 30 Credits)

		Credits
MAD 3107	Discrete Mathematical Structures	3
MAE 3320	Interactive Teaching Methods for Middle School Mathematics	3
MAE 3823	Connections Through Algebraic Thinking	4
MAE 3941 *	Interactve Middle School Math Projects Practicum	1
MAE 4114	Mathematics Content for the Elementary Grades	3
MAE 4330	Instructional Methods in Secondary Mathematics with Technology	3
MAE 4642	Assessment in Mathematics Education	2
MAE 4942	Instructional Methods in Secondary Mathematics with Technology Practicum	1
MHF 4404	History of Mathematics	3
MTG 3212	Modern Geometries	4
STA 2023	Elementary Statistics	3
Total Credits		**30**

MAJOR CORE COURSES
ESOL Requirements (Complete 3 credits)

		Credits
TSL 3080 *	ESOL Issues: Principles and Practices I K - 12	3
Total Credits		**3**

Total Credits	**120**

*School-based hours total 150 clinical clock hours plus a 15-week internship

Notes

Questions regarding admissions, please consult with the Dean of College of Education.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or an academic advisor. Students who have questions concerning state mandated prerequisites should consult www.facts.org and review the appropriate common prerequisite manual or see an academic advisor.

Graduation Notes

Completing all program requirements, including ESOL, demonstrating competency in the Florida Educator Accomplished Practices (FEAPS) at the pre-professional level, passing all sections of the Florida Teacher Certification Examination (FTCE), and passing the final internship are conditions of graduation.

PID 1340

PROGRAM OF STUDY
College of Education
Middle Grades General Science Education (5-9) Bachelor of Science
MGSED-BS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kimberly Hartman, Dean
hartman.kimberly@spcollege.edu
(727) 712-5890

Meg Delgato, Faculty
delgato.meg
727-341-4422

Program Summary

*** THIS PROGRAM IS NO LONGER ACCEPTING STUDENTS. LAST ADMISSION TERM IS FALL 2020 (0580) ***

This teacher preparation program combines laboratory-based science work with practical, school-based experiences to prepare you for professional certification to teach science in middle schools. You earn a Bachelor of Science in Middle Grades General Science Education (grades 5-9) and will be well prepared to teach topics in astronomy, earth science, life science and physical science.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Our program prepares you for employment as a middle school teacher. Job prospects are best for teachers in high-demand fields, such as science, math and bilingual education.

Program Related Web Sites

N/A

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and application process

Graduation Requirements

GPA:
A cumulative GPA of 2.5 or higher is required for graduation.

CULTURAL DIVERSITY (6 credits):
Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours.

FOREIGN LANGUAGE:
Two years in high school or two semesters of college instruction in a single foreign language.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

Completing all program requirements, including ESOL, demonstrating competency in the Florida Educator Accomplished Practices (FEAPS) at the pre-professional level, passing all sections of the Florida Teacher Certification Examination (FTCE), and passing the final internship are conditions of graduation.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or an academic advisor.

GENERAL EDUCATION REQUIREMENT **AA Degree**	**Credits**

In addition to the Education course listed below, students are required to complete the general education (Associates of Arts Degree) that corresponds with their catalog year/requirement term. Students who have earned a previous AA or bachelor's degree should consult an advisor for transcript review.

STATE MANDATED PREREQUISITES **Grade of "C" or better required; Complete 18 credits**		**Credits**
EDF 1005 ⤶	Introduction to Education	3
and		
	GLY XXXX (any course with GLY prefix)	4
and		
	OCE XXXX (any course with OCE prefix)	3
and		
BSC 2010 ⤶	Biology I Cellular Processes	3
BSC 2010 L ⤶	Biology I Cellular Processes Laboratory	1
BSC 2011 ⤶	Biology II Organisms & Ecology	3
BSC 2011 L ⤶	Biology II Laboratory	1
or		
	CHM 2045/L and CHM 2046/L	8
or		
	PHY 2048/1048L and PHY 2049/1049L	8

SPC strongly recommends completion of BSC 2010/L and BSC 2011/L to satisfy the State Mandated requirements since these courses are prerequisites for specific coursework within the SPC Middle Grades General Science Education degree plan.

MAJOR CORE COURSES **Core Requirements (Complete 27 credits)**	**Credits**

EDF 3214	Student Development and Learning Principles K-12	3
EDF 4430	Measurement, Evaluation and Assessment in Education K-12	3
EDG 3410 **	Classroom Management and Communication K-12	3
EEX 3012 **	Nature and Needs of Exceptional Students K-12	3
RED 4043	Reading within the Disciplines 5-12	3
SCE 4943 **	Internship: Middle Grades General Science Education 5-9	12
Total Credits		**27**

MAJOR CORE COURSES
Major Requirements (Complete 30 credits)

		Credits
	AST 1XXX - Any Astronomy Class	3
BSC 3096 C	Human Biology	4
ESC 1000 C	Earth Science	3
EVR 1001 C	Introduction to Environmental Science	3
SCE 3030	Science Matters	2
SCE 3420 C	Physical Science for Middle Grades Teachers	4
SCE 3945	Interactive Projects that Promote Learning in Science	3
SCE 3941 **	Secondary Science Field Experience (6-8)	1
SCE 4330	Secondary School Science & Assessment with Technology	3
SCE 4940 **	Instructional Methods in Secondary Science & Assessment with Technology Practicum	1
SCE 4144	Professional Issues in Science Education	3
Total Credits		**30**

MAJOR CORE COURSES
ESOL Requirements (Complete 3 credits)

		Credits
TSL 3080 **	ESOL Issues: Principles and Practices I K - 12	3
Total Credits		**3**

Total Credits	**120**

**School based hours total 160 clinical clock hours plus a 15-week internship.

PROGRAM OF STUDY
College of Business
Management/Leadership Certificate without Financial Aid Eligibility
MGTLDR-CT

Effective Catalog Term: Fall 2011 (0445) through Present (CIP# 0552020103)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu
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Program Summary

This program is offered as a Fully Online program.

The Management/Leadership courses identified in this Certificate program will apply towards the Business Administration AS degree. These courses will cover the areas of management and leadership skills and principles with an emphasis on developing the techniques of business leadership.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

There are no admissions requirements for this program.

MAJOR CORE COURSES		Credits
LDR 2001	Introduction to Leadership	3
MAN 2021	Principles of Management	3
MAN 2340	Supervisory Management	3
MAN 2582	Introduction to Project Management	3
Total Credits		**12**

Total Credits	**12**

Notes

Fully Online.

PROGRAM OF STUDY
College of Business
Management and Organizational Leadership Bachelor of Applied Science
MGTORG-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1105202991)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu
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Michael Ewell, MS, Academic Department Coordinator, EPI and St Pete Gibbs
ewell.mike@spcollege.edu
(727) 791-2610

Program Summary

This program is offered as a Fully Online program.

This degree program is designed with the active assistance of business and industrial leaders. This integrated program will give students a broad range of organizational and management skills necessary for a variety of supervisory positions. Students will learn how to become effective leaders and increase their earning potential.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
•Management
•Supervisory Roles
•Human Resources
•Training and Development
•Industry/manufacturing
•Project Management
•Supply Chain

Program Related Web Sites
http://www.spcollege.edu/managementbas/

Admission Requirements

Admission requires completion of sixty (60) college-level credits in a related discipline, including 15 credits of transferable general education courses.

Students must have a cumulative grade point average of at least 2.00 on a 4.00 scale in all post-secondary coursework.

Please note that total program hours may vary. Consult an advisor for any additional questions. Other relevant courses may be considered on a case-by-case basis.

Graduation Requirements

All students must complete the 36 credit general education requirement in order to graduate from this program. A.S. degree holders may need to complete an additional 15-21 general education credits to complete the thirty-six (36) credit hour general education requirement.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

Students with an A.A. Degree, or unrelated A.S. degree must fulfill an additional 15 credits in business support courses at the lower division 1000 and 2000 level as outlined in the Admissions Checklist and below:

ADMISSIONS COURSES Lower Division Support Courses (Select 15 credits)		Credits
CGS 1100 [1]	Computer Applications	3
STA 2023 [2]	Elementary Statistics	3
	Any lower division courses (1000 to 2000 level) with the ACG prefix [3]	
	Any lower division courses (1000 to 2000 level) with the BRC prefix	
	Any lower division courses (1000 to 2000 level) with the BUL prefix	
	Any lower division courses (1000 to 2000 level) with the ECO prefix	
	Any lower division courses (1000 to 2000 level) with the ENT prefix	
	Any lower division courses (1000 to 2000 level) with the FIN prefix	
	Any lower division courses (1000 to 2000 level) with the GEB prefix	
	Any lower division courses (1000 to 2000 level) with the HFT prefix	
	Any lower division courses (1000 to 2000 level) with the LDR prefix	
	Any lower division courses (1000 to 2000 level) with the MAN prefix [4]	
	Any lower division courses (1000 or 2000 level) with the MNA prefix	

	Any lower division courses (1000 to 2000 level) with the MAR prefix	
	Any lower division courses (1000 to 2000 level) with the REE prefix **5**	
	Any lower division courses (1000 to 2000 level) with the RMI prefix **6**	
	Any lower division courses (1000 to 2000 level) with the TAX prefix	
	QMB 2100 *****	
Total Credits		**15**

GENERAL EDUCATION REQUIREMENT

A.A. Degree (or 60 credits with at least 15 General Education credits)	Credits
Total Credits	**60**

GRADE OF "C" OR BETTER REQUIRED FOR ALL COURSES

MAJOR CORE COURSES

Major Requirements (Complete 27 credits)		**Credits**
BUL 3320	Law and Business	3
FIN 3403 **7**	Financial Management	3
GEB 3213	Business Communication for Professional Effectiveness	3
MAN 3240	Applied Organizational Behavior	3
MAN 3303	Management & Leadership Practices	3
MAN 3503	Managerial Risk Analysis and Decision Making	3
MAN 4583	Project Management	3
MAN 4584	Process Improvement Methodologies	3
MAR 3802	Marketing Management	3
Total Credits		**27**

MAJOR CORE COURSES

REQUIRED FINAL COURSE - Last Semester for All Students		**Credits**
MAN 4900 **8, 9**	Strategic Capstone Project	6
Total Credits		**6**

SUBPLAN

Select ONE subplan from below (Complete 12 credits)	**Credits**
Total Credits	**12**

SUBPLAN CORE COURSES

Subplan: Management & Organizational Leadership General (MGT) (Complete 3 credits)		**Credits**
MAN 3504 **1**	Operations Management	3

SUBPLAN ELECTIVE COURSES
Subplan: Management & Organizational Leadership General (MGT) (Select 9 credits) | **Credits**
ETI 3647	Supply Chain Management	3
MAN 3600	International Business	3
MAN 3802	Principles of Entrepreneurship	3
MAN 4102	Managing Cultural Diversity	3
MAN 4625	Managing Global Human Resources	3
MAN 4741	Innovation, Change and Agile Projects	3
MAN 4935	Special Topics in Management Concepts	3
MAN 4940	Internship	3
MAR 4413	Sales and Customer Relationship Management	3
MAR 4836	Concept and Product Development	3
PAD 4232	Grant Administration & Resource Development	3

SUBPLAN CORE COURSES
Subplan: Entrepreneurship (ENTRE) (Complete 9 credits) | **Credits**

FIN 4470	Entrepreneurial Finance	3
MAN 3802	Principles of Entrepreneurship	3
MAN 4801	Business Plan Strategies	3

SUBPLAN ELECTIVE COURSES
Subplan: Entrepreneurship (ENTRE) (Select 3 credits) | **Credits**

MAR 4413	Sales and Customer Relationship Management	3
MAR 4836	Concept and Product Development	3

SUBPLAN CORE COURSES
Subplan: Project Management (PROJECT MA) (Complete 12 credits) | **Credits**

MAN 4741	Innovation, Change and Agile Projects	3
MAN 4881	Authority Influence and Projects	3
MAN 4883	Project Management Methodology in Specialization	3
MAN 4885	Complex and Advanced Projects	3
	Project Management Certification **11**	

SUBPLAN CORE COURSES
Subplan: Sustainability and Green Management (SGM) (Select 12 credits) | **Credits**

BUL 3583	Legal Aspects of Sustainability	3
MAN 3784	Sustainability in the Natural Environment	3
MAN 3786	Sustainable Enterprise Planning	3
MAN 4781	Sustainable Business Strategies	3
MAN 4787	Energy & Environmental Techniques	3

SUBPLAN CORE COURSES
Subplan: Sports Management (SPMGT) (Complete 12 credits) | **Credits**

MAN 3504	Operations Management	3
MAR 4413	Sales and Customer Relationship Management	3

| SPM 3154 📄 | Principles of Sports Management | 3 |
| SPM 4104 📄 | Sports Facility and Event Management | 3 |

Total Credits	**120**

[1]CGS1100 is a recommended support course if not previously taken. MAN3504 and QMB3200 both use spreadsheet formulas.
[2]STA2023 is a recommended support course for the MTGORG-BAS program (Pre-requisite Math MAT1033 or MAT1100 required for STA2023).
[3]ACG2450 - If taken at SPC, the course content prepares student to take the QuickBooks Certification Exam
[4]MAN1500, MAN1590 and MAN2571 content associated with Industry Certification exams in Supply Chain Management offered at SPC
[5]Completion of REE1040 with 70% or better allows the student to sit for the State of Florida Real Estate Sales Agent License Exam
[6]Completion of RMI1210, RMI2113, RMI2213 and GEB2940 or RMI2940 will earn the Insurance Customer Service License (completion of an Associate's degree required)
*QMB 2100 is not currently offered at SPC, but is accepted as a transfer course.
[7]FIN3403 should be completed within the first 15 credit hours of the BAS coursework.
[8, 9]8) For students in Effective terms prior to 0520, MAN 4900 will be completed for 3 credits. For students in term 0520 or later, MAN 4900 will be offered at 6 credits starting Fall 2017.
9) All required major core courses must be completed (27 credits) before the Capstone course can be taken.
[11]Completion of 18 credits in MAN3503, MAN4583, MAN4741, MAN4881, MAN4883 and MAN4885 allows up to 1500 hours of Project Management experience toward the CAPM® or PMP® certification exam requirements

Notes

Fully Online.

PID 1346

Fine Arts/Humanities Department
Music Industry/Recording Arts Associate in Science
MIRAS-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1650091300)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Barbara Hubbard, Dean, Humanities & Fine Arts
hubbard.barbara@spcollege.edu

Patrick Hernly, Lead Faculty Member, SPG
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(727) 341-4364

Nathan Muehl, Academic Chair, SPG
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(727) 341-4325

Program Summary

The Music Industry/Recording Arts (MIRA) program develops "real world" skills that artists need in order to thrive in a diverse and competitive music industry. The program offers a well-rounded, technology-based educational experience. The core curriculum prepares students to operate industry standard digital audio work station software (DAW), as well as hardware and equipment associated with studio recording and live sound production. Students may supplement their core experience with courses for musicians, composers, producers, DJs, live-sound engineers, broadcast audio engineers, and post-production engineers. The program emphasizes creative processes, technical training, business practices and entrepreneurial skills in a collaborative environment.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

This program is intended for students who have basic proficiency in music theory (e.g., reading and performing basic melodic and rhythmic exercises) and digital audio workstation (DAW) software.

Students are expected to obtain hardware and software so they may have maximum exposure to the tools of success in this field of study. Hardware includes Mac computer, microphones, cables, midi keyboard. Software includes professional DAW purchase or subscription. Specific tech specs and software version requirements are updated each Fall semester. Details are available through the Fine Arts/Humanities office at the St. Petersburg/Gibbs campus at 727-341-4360.

Graduation Requirements

Minimum grade of C required for all courses.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	**Credits**
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	**Credits**
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	**Credits**
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Natural Sciences - Core**	**Credits**
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	**Credits**
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3

Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

	Credits

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits	**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

	Credits

Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⬚	American National Government	3
POS 2041 H ⬚	Honors American National Government	3
AMH 2020 ⬚	History of the United States II	3
AMH 2020 H ⬚	Honors History of the US II	3
Total Credits		**0**

Minimum grade of C required in all courses.

MAJOR CORE COURSES
Complete 34 credits

		Credits
MUM 0001 ⬚	Music Industry Recording Arts Orientation	
MUM 1001 ⬚	Apple Macintosh Foundations	1
MUT 1001 ⬚	Fundamentals Of Music	3
MUS 1360 ⬚	Digital Audio Workstation, Sound, & Notation Software Fundamentals	3
MUS 1621 ⬚	Acoustics and Psychoacoustics	3
MUM 2600 ⬚	Professional DAW Application	3
MUM 2601 ⬚	Studio Recording Techniques & Music Production	3
MUM 2601 L ⬚	Studio Recording Techniques & Music Production Lab	1
MUM 1662 ⬚	Live Sound Reinforcement Techniques	3
MUM 1942 ⬚	Internship: Sound Engineering I	1

MUM 2609	Critical Listening: Analysis of Contemporary Production Techniques	3
MUM 2602	Collaborative Music Production and Recording Studio Techniques	3
MUM 2602 L	Collaborative Music Production and Recording Studio Techniques Lab	1
MUM 2707	Practical Music Business	3
MUM 2313	Legal Issues in Music	3
Total Credits		**34**

Complete 3 credits

MAJOR CORE COURSES		**Credits**
Major Core Capstone - Complete one 3 credit course.		
MUM 2603	Music Production Capstone	3
MUM 2677	Performing Arts and Event Management Capstone	3
Total Credits		**3**

MAJOR ELECTIVE COURSES		**Credits**
Complete 9 credits		
	Complete 9 credits of any course with a prefix of MUC, MUN, MUM, MUS, MUT, MVB, MVJ, MVK, MVP, MVS, MVV, MVW.	
Total Credits		**9**

Total Credits	**64**

PROGRAM OF STUDY
College of Business
Business Operations - Marketing Certificate with Financial Aid Eligibility
MKT-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu
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Program Summary

This program is offered as a Fully Online program.

The Business Operations - Marketing courses identified in this Certificate program will apply towards the Business Administration AS degree. These courses will cover the areas of marketing from trade operations to retail and wholesale agencies with an emphasis on advertising, sales, social, and commercial marketing principles. This certificate will prepare students for a career in the field of marketing with an emphasis on customer relations.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Complete the 18 credits listed in the program with a minimum 2.0 g.p.a.

MAJOR CORE COURSES		Credits
MAR 2011	Principles of Marketing	3
MAR 2321	Advertising	3
MAR 2101	Social Media Marketing	3
MAR 2410	Personal Selling	3
GEB 1011	Introduction to Business	3
GEB 2214	Business Communications	3

Total Credits   **18**

Total Credits	18

Notes

Fully Online

PROGRAM OF STUDY
College of Education
Secondary Education Mathematics (6-12) Bachelor of Science MTSED-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1101313111)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kimberly Hartman, Dean
hartman.kimberly@spcollege.edu
(727) 712-5890

Program Summary

This teacher preparation program combines mathematics content related material with practical, school-based experiences to prepare you for professional certification to teach mathematics in grades 6-12. You earn a Bachelor of Science in Mathematics Education (6-12) and will be well prepared to teach topics related to High School Mathematics.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the [recommended Academic Pathway](#).

If you have already started the program, click here for the [archived Academic Pathways](#).

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Mathematics Teacher (6-12)

Program Related Web Sites

N/A

Admission Requirements

[Bachelor's Degree Admission Guides](#) outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

GPA:
A cumulative GPA of 2.5 or higher is required for graduation.

CULTURAL DIVERSITY (6 credits):
Six credits with an international or diversity focus. This requirement may have been satisfied in the first 60 semester hours.

FOREIGN LANGUAGE:

Two years in high school or two semesters of college instruction in a single foreign language.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

Completing all program requirements, including ESOL, demonstrating competency in the Florida Educator Accomplished Practices (FEAPS) at the pre-professional level, passing all sections of the Florida Teacher Certification Examination (FTCE) and passing the final internship are conditions of graduation.

Students who have questions concerning catalog year requirements should consult the appropriate SPC College catalog or an academic advisor.

STATE MANDATED PREREQUISITES
Grade of "C" or better required

		Credits
EDF 1005	Introduction to Education	3
MAC 2311	Calculus with Analytic Geometry I	5
MAC 2312	Calculus with Analytic Geometry II	5
	Elective in Mathematics (any MAC, MTG or MAS prefix course)	4

In addition to MAC 2311 and MAC 2312, students are required to complete 12 credits of college level math.

Students who have earned a previous AA or bachelor's degree should consult an advisor for transcript review.

ADMISSIONS REQUIREMENT
AA Degree

	Credits
Total Credits	**60**

MAJOR CORE COURSES
Core Requirements (Complete 27 credits)

		Credits
EDF 3214	Student Development and Learning Principles K-12	3
EDF 4430	Measurement, Evaluation and Assessment in Education K-12	3
EDG 3410	Classroom Management and Communication K-12	3
EEX 3012 *	Nature and Needs of Exceptional Students K-12	3
MAE 4940 *	Internship: Secondary Mathematics Education 6-12	12
RED 4043	Reading within the Disciplines 5-12	3
Total Credits		**27**

MAJOR CORE COURSES
Major Requirements (Complete 33 Credits)

		Credits
MAD 3107	Discrete Mathematical Structures	3
MAE 3320	Interactive Teaching Methods for Middle School Mathematics	3
MAE 3941 *	Interactve Middle School Math Projects Practicum	1

MAE 4330	Instructional Methods in Secondary Mathematics with Technology	3
MAE 4642	Assessment in Mathematics Education	2
MAE 4942 *	Instructional Methods in Secondary Mathematics with Technology Practicum	1
MAS 3105	Linear Algebra with Applications	4
MAS 4203	Number Theory	3
MAS 4301	Introductory Abstract Algebra	3
MHF 4404	History of Mathematics	3
MTG 3212	Modern Geometries	4
STA 2023	Elementary Statistics	3
Total Credits		**33**

MAJOR CORE COURSES
ESOL Requirements (Complete 3 credits)

		Credits
TSL 3080 *	ESOL Issues: Principles and Practices I K - 12	3
Total Credits		**3**

Total Credits	**123**

*School-based hours total 145 clinical clock hours plus a 15-week internship .

PROGRAM OF STUDY
College of Nursing
Nursing Bachelor of Science
NURS-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1105138012)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Louisana Louis, DNP, RN, Dean, College of Nursing

Clare Owen, PhD, RN, Assistant Dean
owen.clare@spcollege.edu

Program Summary

The RN to BSN Program at St. Petersburg College affords registered nurses the opportunity to obtain a Bachelor of Science degree in Nursing delivered in either a face-to-face or online format. The program gives nurses a solid foundation for advancing their career or preparing for graduate nursing study. The program focuses on leadership and management, evidence-based practice, health promotion and risk reduction in communities, ethical issues, and healthcare needs of diverse populations.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the **Nursing B.S.N. Admission Guide**.

The Admission Guide outlines the admission criteria specific to the Bachelor of Science in Nursing (B.S.N.) program. Students must have a cumulative grade point average of 2.00 on a 4.00 scale in all post-secondary coursework. Please review this information carefully to ensure you submit a complete application.

Bachelor of Science in Nursing Admissions Checklist

Applicants must complete the online college application in MySPC, pay the non-refundable fee and submit documentation of an:

• Active, unrestricted, unencumbered (i.e. clear/active) RN license on admission and throughout the program.

• Official, unopened (sealed) high school transcript(s) or GED transcripts.

• Official transcript showing completion of an AS (or AAS) Degree in Nursing from a regionally accredited institution

(see https://ope.ed.gov/accreditation/Search.aspx) or a Diploma in Nursing from a program accredited by the Accreditation Commission for Education in Nursing ACEN (formerly, National League for Nursing Accrediting Commission NLNAC see http://www.acenursing.us/accreditedprograms/programSearch.htm).

• Official transcripts from all accredited college(s) and universities currently or previously attended.

A health program advising request can be made here: https://web.spcollege.edu/survey/16998/

Graduation Requirements

RN to BSN students must complete a total of 40 semester hours of upper-division coursework. Thirty-two (32) credit hours will consist of major core nursing courses and eight (8) credits will be completed via elective coursework. Ten (10) semester hours may be met by transfer from another institution. RN to BSN students must complete each NUR/NSP upper division course with a grade of "C" or better in order to receive credit and progress in the program.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

STATE MANDATED PREREQUISITES

Complete 15 credits. All courses must be completed with a grade of "C" or higher.		**Credits**
BSC 2085 *	Human Anatomy & Physiology I	3
and		
BSC 2085 L	Human Anatomy & Physiology Lab I	1
BSC 2086 **	Human Anatomy & Physiology II	3
and		
BSC 2086 L	Human Anatomy & Physiology Laboratory II	1
MCB 2010 ***	Microbiology	3
and		
MCB 2010 L	Microbiology Laboratory	1
STA 2023 ****	Elementary Statistics	3
Total Credits		**15**

AA GENERAL EDUCATION REQUIREMENTS	**Credits**
Complete 27 credits.	
Total Credits	**27**

COLLEGE LEVEL CREDITS	**Credits**
Complete 39 credits.	
Total Credits	**39**

MAJOR CORE COURSES		**Credits**
Complete 32 credits.		
NUR 3066	Health Assessment and Physical Appraisal	3
NUR 3125	Pathophysiology	3

NUR 3805 📄	Professional Roles and Dimensions of Nursing Practice	3
NUR 3826 📄	Legal & Ethical Aspects of Nursing	3
NUR 3874 📄	Informatics and Clinical Reasoning	3
NUR 4169 📄	Evidence-Based Research Utilization	3
NUR 4636 📄	Community Health Nursing Theory	3
NUR 4636 L 📄	Community Health Nursing Practicum	4
NUR 4835 📄	Leadership Theory	3
NUR 4835 L 📄	Leadership Practicum	4
Total Credits		**32**

MAJOR ELECTIVE COURSES
Complete 8 credits

		Credits
NSP 3276 📄	ECG Interpretation for Health Care Professionals	2
NSP 3289 📄	Special Topics in Gerontological Nursing	2
NSP 3685 📄	End-of-Life Care	2
NSP 3477 📄	Communicable Disease Prevention and Control	2
NUR 3145 📄	Pharmacology in Nursing Practice	2
NUR 3655 📄	Nursing in a Multicultural Society	3
NUR 4606 📄	Nursing of the Family	3
	Any Upper Division Courses completed at SPC or another institution may be used to satisfy the 8 credit elective requirement.	
Total Credits		**8**

Total Credits	**121**

*Acceptable substitutes: BSCXO93C or BSC XO93/XO93L
**Acceptable substitutes: BSCX094C or BSC XO94/XO94L
***Acceptable substitutes: MCBX013C, MCBX013/L, MCB X000/X000L, OR MCB X004/X004L
****Acceptable substitutes: STAX014, STAX122, or STAX022

PROGRAM OF STUDY
College of Nursing
Nursing (R.N.) Associate in Science
NURSE-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351380100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Louisana Louis, DNP, RN, Dean, College of Nursing

Clare Owen, Ph.D., RN, Asisstant Dean & Professor, College of Nursing

Health Education Advising, -
HealthAdvising@spcollege.edu

Program Summary

Fully transferable to Bachelor's Degree at SPC or to any state university in Florida. Program begins in August and January with a traditional, LPN-RN and evening/weekend track.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

NOTE: Information has been updated to reflect admissions requirements in effect for Fall 2022.

Please review the **Nursing A.S.:Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Nursing A.S.: Admission Guide program as well as explain the timetable for evaluation and further admission correspondence. If you are an LPN interested in the LPN to RN transitional program, check here: Nursing A.S.: LPN to RN transitional.

If you are a Paramedic interested in the Associate in Science program for Paramedic, check here: Nursing A.S.: for Paramedic. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

A health program advising request can be made here: https://web.spcollege.edu/survey/16998/

Graduation Requirements

Minimum grade of "C" required in all courses.

Any student who makes a grade of less than "C" in a course in the nursing program that is a prerequisite to a nursing course will be ineligible to continue in the nursing program. Likewise, the clinical component of any nursing rotation must be satisfactorily passed. An overall 2.0 average is required to enroll in sophomore nursing courses. Credit must be earned in or prior to the prescribed sequence.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

		Credits
	Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

		Credits
	Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏷	American National Government	3

		Credits
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Mathematics (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Mathematics requirement for this AS degree.	
STA 2023 * ⏷	Elementary Statistics	3
STA 2023 H ⏷	Honors Elementary Statistics	3
Total Credits		**3**

SUPPORT COURSES
Ethics (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Ethics requirement for this AS degree. Students are strongly advised to select the Healthcare Ethics topic when they register for PHI 1600.	
PHI 1600 ⏷	Studies in Applied Ethics	3
PHI 1600 H ⏷	Honors Studies in Applied Ethics	3
Total Credits		**3**

SUPPORT COURSES
Social/Behavioral Science (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Social/Behavioral Science requirement for this AS degree.	
PSY 1012 ⏷	General Psychology	3
PSY 1012 H ⏷	Honors General Psychology	3
Total Credits		**3**

SUPPORT COURSES
Social/Behavioral Science (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Social/Behavioral Science and Civic Literacy course requirement for this AS degree.	
POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**3**

SUPPORT COURSES
Other (Complete 12 credits)

		Credits
BSC 2085 ⏷	Human Anatomy & Physiology I	3

BSC 2085 L �🔺	Human Anatomy & Physiology Lab I	1
BSC 2086 �🔺	Human Anatomy & Physiology II	3
BSC 2086 L �🔺	Human Anatomy & Physiology Laboratory II	1
MCB 2010 �🔺	Microbiology	3
MCB 2010 L �🔺	Microbiology Laboratory	1
Total Credits		**12**

SUBPLAN	**Credits**
Select ONE subplan from below (Complete 42 credits)	
Total Credits	**42**

Please note that the LPN TRANSITIONAL SUBPLAN is intended only for students who have a current LPN license.

GENERAL NURSING SUBPLAN		**Credits**
1st Term in Program (Complete 10 credits)		
NUR 1110 C ⚭	Health Concepts I	6
NUR 1111 ⚭	Professional Nursing I	2
NUR 1141 ⚭	Pharmacology I	2

GENERAL NURSING SUBPLAN		**Credits**
2nd Term in Program (Complete 11 credits)		
NUR 2034 C ⚭	Health Concepts II	9
NUR 1112 ⚭	Professional Nursing II	1
NUR 1142 ⚭	Pharmacology II	1

GENERAL NURSING SUBPLAN		**Credits**
3rd Term in Program (Complete 11 credits)		
NUR 2035 C ⚭	Health Concepts III	9
NUR 1113 ⚭	Professional Nursing III	1
NUR 1148 ⚭	Pharmacology III	1

GENERAL NURSING SUBPLAN		**Credits**
4th Term in Program (Complete 10 credits)		
NUR 2205 C ⚭	Health Concepts IV	6
NUR 1149 ⚭	Pharmacology IV	1
NUR 2940 C ⚭	Practicum	3

- - - - - - - - - - - - - - -	**Credits**

LPN TRANSITIONAL SUBPLAN		**Credits**
1st Term in Program (Complete 21 credits)		
NUR 1003 C ⚭	LPN Transition Health Concepts	8
NUR 1083 ⚭	LPN Transition Professional Nursing	1
NUR 1147 ⚭	LPN Transition Pharmacology	2
	Gold Standard articulated credit	10

Articulated credits (LPN license) will satisfy the following coursework: NUR 1110C, NUR 1141, NUR 1111.

LPN TRANSITIONAL SUBPLAN
2nd Term in Program (Complete 11 credits)   **Credits**

NUR 2035 C ⬙   Health Concepts III   9

NUR 1148 ⬙   Pharmacology III   1

NUR 1113 ⬙   Professional Nursing III   1

LPN TRANSITIONAL SUBPLAN
3rd Term in Program (Complete 10 credits)   **Credits**

NUR 2205 C ⬙   Health Concepts IV   6

NUR 1149 ⬙   Pharmacology IV   1

NUR 2940 C ⬙   Practicum   3

Total Credits	**72**

**Acceptable substitutes: STA 2014, STA 2122, STA 2022

PROGRAM OF STUDY
Health Science Department
Orthotics and Prosthetics Technology Associate in Science
ORTHO-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Deanna Stentiford, Dean
Stentiford.Deanna@spcollege.edu

Program Summary

PROGRAM BEGINS EVERY AUGUST
SPC's Associate in Science in Orthotics and Prosthetics Technology is the first and only associate's degree program for orthotic and prosthetic technicians in the State of Florida. This program combines lecture and extensive hands on labs to prepare students to fabricate artificial limbs and orthopedic braces. The program meets the standards of the profession. Upon successful completion of the program, graduates are eligible to take the American Board for Certification in Orthotics, Prosthetics & Pedorthics Technician Certification Exams.

All Orthotic and Prosthetic (O&P) courses are taught only at the Health Education Center at 7200 66th St. N., Pinellas Park.

Due to the time-intensive nature of the O&P program courses, it is recommended that students complete the general education and support courses prior to entry into the program.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Careers:
This program is for those wishing to become a Certified Orthotic and/or Prosthetic Technician.

Career Outlook:
According to the Bureau of Labor and Statistics, the Orthotics and Prosthetics field is growing at a much faster rate than other occupations. With the geriatric and diabetic patient populations increasing, so is the need for orthotic and prosthetic professionals. Certified Orthotic and Prosthetic technicians support Certified Orthotists and Prosthetists by making quality devices per practitioner instructions to enable the growing patient need to be met.

Opportunities:
Graduates of our program may work in orthotic and prosthetic practices, hospitals, central fabrication facilities, and orthotic and prosthetic manufacturing companies.

http://www.spcollege.edu/op/

http://www.abcop.org/Pages/default.aspx

http://www.ncope.org/

Admission Requirements

Please review the **Orthotics and Prosthetics Technology A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Orthotics and Prosthetics Technology A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Graduation Requirements

In order to graduate with the Orthotics and Prosthetics Technician AS degree, students must:

Earn a minimum grade of "C" in all required coursework
Complete the 60 credits required for the degree
Complete at least 15 credits required for the degree in residence (at SPC)
Earn a cumulative GPA of at least 2.0
Earn a GPA of at least 2.0 in courses completed at SPC

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

		Credits
	Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

		Credits
	Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

		Credits
	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 🗎	American National Government	3
POS 2041 H 🗎	Honors American National Government	3

AMH 2020 ⤓	History of the United States II	3
AMH 2020 H ⤓	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Anatomy & Physiology (Complete 4 credits)

		Credits
	Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.	
BSC 2085 ⤓	Human Anatomy & Physiology I	3
BSC 2085 L ⤓	Human Anatomy & Physiology Lab I	1
Total Credits		**4**

MAJOR CORE COURSES
Complete 38 Credits

		Credits
PRO 1002 ⤓	Introduction to Orthotics & Prosthetics	2
PRO 1010 C ⤓	Introduction to Basic Fabrication Hand Skills	2
PRO 1131 C ⤓	Material Science	3
PRO 1312 C ⤓	Ankle Foot Orthoses Fabrication	2
PRO 1372 C ⤓	Upper Limb Orthosis Fabrication	2
PRO 1315 C ⤓	Leather Work for the Lower Limb Orthosis	2
PRO 1314 C ⤓	Knee Ankle Foot Orthoses	2
PRO 1351 C ⤓	Spinal Orthosis Fabrication	2
PRO 2302 C ⤓	Transtibial Socket Inserts, Alignment and Duplication	2
PRO 2333 C ⤓	Transfemoral Socket Fabrication	2
PRO 2362 C ⤓	Transradial Prosthesis Fabrication	2
PRO 1320 C ⤓	Thermoplastic Orthosis Fabrication	2
PRO 2011 C ⤓	Advanced Procedures	2
PRO 2860 C ⤓	Board Exam Review	2
PRO 2363 C ⤓	Transhumeral Prosthesis Fabrication	2
PRO 1392 C ⤓	Prosthetic Finishing Procedures	1 - 2
PRO 2804 C [2] ⤓	Technician Practicum	2
PRO 2804 C [3] ⤓	Technician Practicum	2
PRO 2804 C [4] ⤓	Technician Practicum	2
Total Credits		**38**

Total Credits	**60**

[2]Topic: Lab Basics
[3]Topic: O&P Design Plans
[4]Topic: O&P Fabrication

PROGRAM OF STUDY
College of Health Sciences
Respiratory Care: Paramedic/EMS Transitional Associate in Science
PARA-RESC-AS

Effective Catalog Term: Fall 2011 (0445) through Present (CIP# 1351090800)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Steve Hardt, Program Director
hardt.steve@spcollege.edu
727-341-3627

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

The Respiratory Care Program is dedicated to the philosophy and goals of the college. The Respiratory Care Program is designed to offer the student planned learning experiences and to provide knowledge, skills, and promote attitudes that will culminate in successful employment of the graduate as a respiratory therapist.

The Associate of Science in Respiratory Care is transferable to a Bachelor's degree in Health Services Administration at SPC.

This program begins in August.

NOTE: This program of study is designed for licensed paramedics and awards credit for students' paramedic experience. Students who complete this program will graduate with an RESC-AS degree.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Before entering the first term of the Respiratory Care "program courses" students must complete a minimum of 12 credits from the General Education and/or Support courses listed below including BSC 2085 and BSC 2085L with a grade of "C" or better. General Education and Support courses do not have to be completed in the order listed below. Candidates will also complete the Health Programs Application form. Please see a counselor or advisor.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition

	Credits
Complete 3 credits from the approved General Education Composition I coursework below. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Communications - Speech

	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

	Credits

Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.

Total Credits **0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View **Credits**

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits **0**

SUPPORT COURSES
Complete 12 credits **Credits**

BSC 2085	Human Anatomy & Physiology I	3
BSC 2085 L	Human Anatomy & Physiology Lab I	1
BSC 2086	Human Anatomy & Physiology II	3
BSC 2086 L	Human Anatomy & Physiology Laboratory II	1
CHM 1025	Introductory Chemistry	3
CHM 1025 L	Introductory Chemistry Lab	1
Total Credits		**12**

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Advanced Placement Credit **Credits**

Total Credits **4**

MAJOR CORE COURSES
1st Term in Program (Complete 6 credits) **Credits**

RET 1007	Respiratory Pharmacology	3
RET 1024	Fundamentals of Respiratory Care	3
Total Credits		**6**

MAJOR CORE COURSES
2nd Term in Program (Complete 6 credits) **Credits**

RET 1264	Principles of Mechanical Ventilation	3
RET 1485	Cardiopulmonary Physiology	3
Total Credits		**6**

MAJOR CORE COURSES
3rd Term in Program (Complete 6 credits) **Credits**

RET 2284	Advanced Modalities and Monitoring	2
RET 2876 L	Clinical Practice III	4

Total Credits	**6**

MAJOR CORE COURSES
4th Term in Program (Complete 11 credits)

		Credits
RET 2414 ⅃	Diagnostic Procedures and Pulmonary Rehabilitation	3
RET 2450 ⅃	Cardiopulmonary Assessment	2
RET 2484 ⅃	Pulmonary Disease	2
RET 2877 L ⅃	Clinical Practice IV	4
Total Credits		**11**

MAJOR CORE COURSES
5th Term in Program (Complete 9 credits)

		Credits
RET 2244 ⅃	LIfe Support	1
RET 2714 ⅃	Neonatal-Pediatric Respiratory Care	2
RET 2878 L ⅃	Clinical Practice V	4
RET 2935 ⅃	Medical-Surgery Aspects of Respiratory Care	2
Total Credits		**9**

MAJOR CORE COURSES
6th Term in Program (Complete 4 credits)

		Credits
RET 2879 L ⅃	Clinical Practice VI	4
Total Credits		**4**

Total Credits	**76**

PROGRAM OF STUDY
Fine Arts/Humanities Department
Digital Photography Certificate with Financial Aid Eligibility
PGY-CT

Effective Catalog Term: Fall 2021 (0595) through Present (CIP# 0650060501)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Barton Gilmore, Lead Instructor PGY-AS
gilmore.barton@spcollege.edu
727-791-2685

Barnes Jonathan, Academic Department Chair
barnes.jonathan@spcollege.edu
727-791-5997

Barbara Hubbard, Dean, Humanities and Fine Arts
hubbard.barbara@spcollege.edu
727-394-6011

Program Summary

The photography certificate is designed to equip students with the essentials and basic skill sets to succeed in the photographic industry. The program will prepare students in marketing their specific photographic brand, and the ability to conceptualize their clients objective needs, and deliver a technically proficient photographic product to them. The photography courses provide a diverse range of subject matter including: camera operation for still and video, various still and motion software enhancement programs, both natural and artificial lighting applications, composition, posing, table top, advertising and commercial applications, video production, critical thinking and thematic assignments, all leading to the development to a portfolio upon completion of the certificate.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the [recommended Academic Pathway](#).

If you have already started the program, click here for the [archived Academic Pathways](#).

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Studio and portrait photography
Marketing/Promotion/fund-raising
Industrial photography
Scientific photography
Communications/Public relations
Photo Journalism

Program Related Web Sites

http://www.bls.gov/ooh/media-and-communication/photographers.htm#tab-1

MAJOR CORE COURSES   **Credits**

PGY 2800 C	Digital Photography	3
PGY 2404 C	Intermediate Photography	3
PGY 2210 C	Professional Studio Portraiture	4
PGY 2750 C	Introduction to Video Production	3
DIG 2115 C	Digital Imaging	3
PGY 2201 C	Photography Studio Lighting	3
PGY 2470 C	Themes for Photographers	3
Total Credits		**22**

Total Credits	**22**

PROGRAM OF STUDY
College of Health Sciences
Paramedic ATD Applied Technology Diploma with Financial Aid Eligibility
PMED-ATD

Effective Catalog Term: Fall 2020 (0580) through Present (CIP# 0351090418)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Ralph Sibbio, EMS Program Director
EMS@spcollege.edu

Jerome Ruffing, Acting EMS PSAV Coordinator
Ruffing.Jerome@spcollege.edu
727-398-8218

For program information, please contact, -
hec_advising@spcollege.edu

Program Summary

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Health Science career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Health Science career cluster.

This is an instructional program that prepares students for employment as paramedics SOC 29-2041 (Emergency Medical Technicians & Paramedics) to function at the basic pre-hospital emergency medical technician - paramedic level and treat various medical/trauma conditions, using appropriate equipment and materials. The program prepares students for certification as paramedics in accordance with Chapter 64E-2 of the Florida Administrative Code.

The content includes but is not limited to: patient assessment, advanced airway management, cardiovascular emergencies, external and internal bleeding and shock, traumatic injuries, fractures, dislocations, sprains, poisoning, heart attack, stroke, diabetes, pharmacology, medication administration, respiratory emergencies, endocrine emergencies, acute abdomen, communicable diseases, patients with abnormal behavior, substance abuse, the unconscious state, emergency childbirth, pediatric and geriatric emergencies, burns, environmental hazards, communications, documentation, extrication, mass casualty incident, incident command system, and transportation of patient.

Job-Related Opportunities

Paramedic
Flight Paramedic
Firefighter/Paramedic
Military
Hospital
Law Enforcement

Program Related Web Sites

NHTSA Office of EMS https://www.ems.gov/
CAAHEP/CoAEMSP Accreditation Standards and Guidelines https://coaemsp.org/caahep-standards-and-guidelines
Florida Department of Health, Bureau of Emergency Medical Services
http://www.floridahealth.gov/licensing-and-regulation/ems-system/index.html
SPC EMS Program
https://www.spcollege.edu/future-students/degrees-training/health-sciences-and-veterinary-technology
/emergency-medical-services
US Bureau of Labor Statistics https://www.bls.gov/ooh/healthcare/emts-and-paramedics.htm

Admission Requirements

High School Diploma or GED required. Official transcripts from all schools, colleges and universities attended. Current state of Florida certification as an Emergency Medical Technician. Successful completion of prescribed SPC Health Programs Admissions Criminal Background and Drug Screening test. Current SPC students must be in good standing as indicated by Academic Records.

Graduation Requirements

Successfully completion of all course requirements as outlined in the respective current course syllabus, EMS Program Student Handbook (latest edition), SPC Paramedic program minimum skill and clinical competencies as determined by CAAHEP/CoAEMSP national accreditation.

MAJOR CORE COURSES		Credits
EMS 0210 C 🔺	Paramedic I	248
EMS 0211 C 🔺	Paramedic II	426
EMS 0212 C 🔺	Paramedic III	426
Total Credits		**1100**

Note: Program length is by Clock Hours.

Total Credits	**1100**

Notes

Per State of Florida DOE framework:
Students must have a high school diploma, a GED, or a certificate of completion to be admitted to an ATD program. Within six weeks of entry, students in ATD programs of 450 or more hours must be tested pursuant to Rule 6A-10.040, F.A.C. and if below minimum standards for completion from the program, must receive remedial instruction. The minimum standards must be at least the equivalent of a score of ten (10) on all sections of basic skills test approved in Rule 6A-10.040, F.A.C. Students must successfully complete all remedial instruction before completing the ATD.

Applicants who have earned an Associate in Arts, Associate in Science, Associate in Applied Science, Baccalaureate, or higher degree from a regionally accredited institution and submitted transcripts are waived from submitting high school transcripts.

Graduation Notes

Program length is a minimum of 1100 hours of instruction and clinicals.

PID 1013

PROGRAM OF STUDY
College of Health Sciences
Paramedic Certificate with Financial Aid Eligibility
PMED-CT

Effective Catalog Term: Fall 2018 (0550) through Present (CIP# 0351090405)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Ralph Sibbio, EMS Program Director
EMS@spcollege.edu

For paramedic program information, please contact, -
hec_advising@spcollege.edu

Program Summary

This certificate is designed to produce paramedics, whose job description involves advanced life support, to deliver the pre-hospital, life support care and transportation necessary for victims of accident and emergency illness. Successful completion of the prescribed courses and the awarding of a certificate of completion means eligibility to take the State of Florida examination for certification or national registry exam for certification as a Paramedic.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Paramedics are a mainstay in companies or agencies operating emergency vehicles that respond to traffic accidents, fires, explosions, cave-ins, emergency rescue calls and other life-threatening situations. Some also assist in patient care in hospitals and doctors' offices, with specific instruction and supervision.

Admission Requirements

Please review the **Paramedic Certificate Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Paramedic Certificate program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

• Must meet all college admissions requirements, including college placement tests
• Current certification as a FL certified EMT
• Current AHA CPR card at the BLS level

<u>Graduation Requirements</u>

Minimum grade of "C" in all courses.

Grade of "C" or better required in ALL courses.

MAJOR CORE COURSES		Credits
BSC 1084 C **a**	Essentials of Human Anatomy & Physiology	4
EMS 2601	Paramedic Theory I	8
EMS 2601 L	Paramedic Laboratory I	4
EMS 2602	Paramedic Theory II	8
EMS 2602 L	Paramedic Laboratory II	4
EMS 2664	Paramedic Clinical I	3
EMS 2665	Paramedic Clinical II	4
EMS 2659 C	Paramedic Field Internship	7
Total Credits		**42**

Total Credits	**42**

aCan substitute BSC 2085/2085L and 2086/2086L

PROGRAM OF STUDY
College of Policy, Ethics and Legal Studies
Public Policy and Administration Bachelor of Science
PPA-BS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1104404011)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Susan Demers, Dean
(727) 791-2501

Jeffery Kronschnabl, Instructor-in-Charge
kronschnabl.jeffery@spcollege.edu
n/a

Program Summary

The goal of this program is to prepare students for the dynamic nature of public policy and administration by providing critical thinking and problem solving techniques which will enable them to make sound decisions and influence policy affecting organizations, communities, a whole state or the entire nation.

Graduates will be prepared to use advanced critical thinking and analytical skills to effectively solve the myriad problems which arise in a changing world and comply with modern demands for accountability. Students will demonstrate the advanced knowledge and tools necessary to:
• Evaluate and design public policy
• Apply the appropriate communication and negotiation skills within the structure and processes of government
• Use the technical skills and political astuteness required of a public policy/administration professional
• Demonstrate the management and leadership qualities of a public policy/administration professional who can readily anticipate issues and demonstrate the ability to adapt to governments that are in a constant state of flux.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

GRADE OF "C" OR HIGHER REQUIRED FOR ALL COURSES

All students must complete the 36 credit general education requirement in order to graduate from this program. A.S. degree holders may need to complete an additional 15-21 general education credits to complete the thirty-six (36) credit hour general education requirement.(FLA. STAT. § 1007.25 (9) (2017)

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

ADMISSIONS COURSES **A.A. Degree or A.S. Degree**	**Credits**
Total Credits	**60**

For A.S. degree holders, an additional 15-21 general education credits are required to complete the thirty-six (36) credit hour general education requirement of St. Petersburg College.

ADMISSIONS COURSES **ADDITIONAL GENERAL EDUCATION COURSES - Grade of "C" or higher**	**Credits**
A. COMMUNICATIONS	9
B. HUMANITIES/FINE ARTS	6
C. MATHEMATICS	6
D. NATURAL & PHYSICAL SCIENCES	6
E. SOCIAL AND BEHAVIORAL SCIENCES	6
F. ETHICS	3
G. COMPUTER/INFORMATION LITERACY COMPETENCY	
H. ENHANCED WORLD VIEW	

STATE MANDATED PREREQUISITES **The following three courses are required & may be used as part of the General Education Requirements**		**Credits**
CGS 1100 🗎	Computer Applications	3
POS 2041 🗎	American National Government	3
	(Select one Economics course)	
ECO 2013 🗎	Principles of Macroeconomics	3
or		
ECO 2023 🗎	Principles of Microeconomics	3

**It is highly recommended that students enroll in PUP 3002 in the first term of their program.

MAJOR CORE COURSES **Complete 45 credits**		**Credits**
PUP 3002 ** 🗎	Introduction to Public Policy and Administration	3
ISM 3011 🗎	Management Information Systems	3
MAN 3301 🗎	Public Personnel Management	3

PLA 3885	United States Constitutional Law	3
PAD 4204	Public Finance	3
PAD 4232	Grant Administration & Resource Development	3
PAD 4603	Administrative Law	3
POS 3235	Mass Media & Public Policy	3
PUP 3040	State and Local Government and Public Policy	3
PUP 3033	Policy Leadership	3
PUP 3043	Evaluating Public Policy (Research Methods I)	3
PUP 3046	Policy Data Analysis (Research Methods II)	3
PUP 3054	Policy and Ethics	3
PUP 3823	Emergency and Crisis Communications	3
PUP 4941	Public Policy Capstone	3
Total Credits		**45**

MAJOR ELECTIVE COURSES Select 15 credits		Credits
COM 3120	Organizational Communication	3
EDF 3660	Education and Public Policy in the United States	3
HUS 4561	Social Problems and Policy	3
INR 4030	Diplomacy	3
MAN 4102	Managing Cultural Diversity	3
MAN 4584	Process Improvement Methodologies	3
PAD 3330	Urban and Regional Planning	3
POS 3272	American Civic Life	3
PUP 3023	Public Policy and Administration Legal Research	3
PUP 3052	Issues in International Policy	3
PUP 3055	Public Policy and Negotiation	3
PUP 4949	Public Policy and Administration Co-op Work Experience	3
Total Credits		**15**

Total Credits	**120**

**It is highly recommended that students enroll in PUP 3002 in the first term of their program.

PROGRAM OF STUDY
College of Business
Project Management Certificate with Financial Aid Eligibility
PRJMGT-CT

Effective Catalog Term: Spring 2016 (0510) through Present (CIP# 5555202990)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu
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Dr. Rina Coronel, Epicenter
Coronel.rina@spcollege.edu
(727) 341-3193

Program Summary

This program is offered as a Fully Online program.

The project management courses identified in this certificate program aim to meet the educational requirement for the PMP®, Agile PM®, and CAPM® Certificates administered globally by and are registered marks of the Project Management Institute.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Project management opportunities in general and specialized areas of organizations.
• Organizations targeted include general business, health, government, technology, and financial organizations.

Admission Requirements
• Applicants must have graduated with at least a bachelor's degree from a regionally accredited college or university.
• Applicants must have a 2.0 overall grade point average.
• Applicants must meet the College's Computer/Information Literacy Competency Requirement
• Applicants are assumed to have an introductory knowledge of project management and project management software

Graduation Requirements
All courses completed with at least a C and a 2.0 average.

MAJOR CORE COURSES		Credits
MAN 3503 📄	Managerial Risk Analysis and Decision Making	3
MAN 4583 📄	Project Management	3
MAN 4741 📄	Innovation, Change and Agile Projects	3
MAN 4881 📄	Authority Influence and Projects	3
MAN 4883 📄	Project Management Methodology in Specialization	3
MAN 4885 📄	Complex and Advanced Projects	3
Total Credits		**18**

Total Credits	**18**

Notes

Fully Online.

PROGRAM OF STUDY
Engineering and Building Arts Department
Production Systems Management Associate in Science
PROSYS-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1652020501)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Natavia Middleton, Dean
middleton.natavia@spcollege.edu

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary

THIS PROGRAM IS NO LONGER ADMITTING STUDENTS INTO THE INDUSTRIAL INTERNET OF THINGS (IOT) SUBPLAN. LAST ADMISSION TERM IS SUMMER 2022 (0605) FOR THIS SUBPLAN (11/23/2021)

The Production Systems Management AS (PROSYS-AS) program is a technical degree that combines aspects of management and supervision along with technical skills. This degree will honor SPC's long-standing articulation with Pinellas Technical College's (PTC) technical programs.

The program consists of four subplans: Continuous Improvement Management (TQM), Control Systems (CSYS), and Articulations (ART).

The **Continuous Improvement Management (TQM)** subplan includes the Lean Six-Sigma Green Belt Certificate and will prepare students for positions in quality control and quality management. These positions continue to be in demand as manufacturing production increases. The **Control Systems (CSYS)** subplan will meet the increasing demand for supervisors who can work with automation, sensors, PLCs, and robotics. The **Articulations (ART)** subplan includes Pinellas Technical College programs that range from 12-24 credits. Students who articulate programs that are less than 24 credits will need to take the remaining credits from a set list of classes that include technical courses from the remaining three subplans.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Assembly Supervisor, Department Manager, Manufacturing Supervisor, Molding Supervisor, Production Manager, Production Supervisor, Quality Assurance Supervisor (QA Supervisor), Shift Supervisor, Supervisor, Team Leader, Crew Leader, Electrical Foreman, Facilities Manager, Facility Maintenance Supervisor, Maintenance Foreman, Maintenance Manager, Maintenance Planner, Maintenance Supervisor, Production Crew Supervisor, Superintendent

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Mathematics-Core	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Ethics	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Natural Sciences - Core

		Credits
	Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3
AMH 2020	History of the United States II	3
AMH 2020 H	Honors History of the US II	3
Total Credits		**0**

MAJOR CORE COURSES
Business Core Courses

		Credits
ACG 2021	Financial Accounting	3
MAN 2340	Supervisory Management	3
MAN 2582	Introduction to Project Management	3
GEB 2214	Business Communications	3
ETI 1100	Statistical Process Control	3
Total Credits		**15**

MAJOR ELECTIVE COURSES
Select one course from below (Complete 3 credits)

		Credits
LDR 2001	Introduction to Leadership	3
MAN 2021	Principles of Management	3
ENT 1000	Intro to Entrepreneurship	3
BUL 2241	Business Law I	3
FIN 2000	Principles of Finance	3
EET 1035 C	AC/DC Circuits with Lab	3
Total Credits		**3**

SUBPLAN
Select one subplan from below (Complete 24 credits)

		Credits
Total Credits		**24**

SUBPLAN CORE COURSES
Continuous Improvement Management (TQM) (Complete 24 credits)

		Credits
ETM 1010 C	Mechanical Measurement	3
ETI 1622	Intro to Lean Six Sigma	3
ETI 1110	Introduction to Quality Assurance	3
ETI 2610	Six Sigma Methodology and Tools	3
ETI 2623	Lean Systems	3
ETI 1701	Industrial Safety	3
CGS 1515	Spreadsheet Techniques and Programming	3
ETI 1420	Manufacturing Processes and Materials I	3

SUBPLAN CORE COURSES
Control Systems (CSYS) (Complete 24 credits)

		Credits
ETS 1511 C	Motors and Controls	3
COP 1000 *	Introduction to Computer Programming	3
EET 1084 C	Introduction to Electronics	3
ETS 1535 C	Automation and Sensors	3
ETS 1542 C	Programmable Logic Controllers (PLCs)	3
ETI 1701	Industrial Safety	3
CGS 1515	Spreadsheet Techniques and Programming	3
ETI 1420	Manufacturing Processes and Materials I	3

SUBPLAN CORE COURSES
Articulations (ART) (Articulate up to 24 credits)

		Credits
	Students who have successfully earned the FAA Aviation Mechanic Technician: Airframe AND the FAA Aviation Mechanic Technician: Powerplant certifications may articulate in up to 24 credits.	
	Students who have earned these industry certifications may received credit for the following coursework:	
AMT 1715	Aviation Airframe Maintenance I	6
AMT 1716	Aviation Airframe Maintenance II	6

| AMT 1725 🔎 | Aviation Powerplant Maintenance Technician I | 6 |
| AMT 1726 🔎 | Aviation Powerplant Maintenance Technician II | 6 |

Total Credits	**60**

*Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000.

PID 1274

PROGRAM OF STUDY
College of Education
Preschool Specialization Certificate Certificate without Financial Aid Eligibility
PRSP-CT

Effective Catalog Term: Spring 2015 (0495) through Present (CIP# 0419070908)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Anne Ryan, Lead Instructor
ryan.anne@spcollege.edu
727.791.2776

Program Summary

This program is offered as a Fully Online program.

This 12-credit certificate is part of the A.S. degree in Early Childhood Education. Students earning the certificate will gain skills and knowledge to provide quality care to preschool-age children in early childhood settings.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Preschool Teacher; Head Start Teacher

Admission Requirements

There are no admissions requirements for this program.

MAJOR CORE COURSES
Complete 12 credits

		Credits
EEC 1603	Early Childhood Development	3
EEC 1600	Guiding the Young Child	3
EEC 2312	Developing Creative Activities for Young Children	3
EEC 2300	Developing Cognitive Activities for Young Children(Math, Lnge Arts, Science, Social Studies, Health)	3
Total Credits		**12**

Total Credits	**12**

<u>Notes</u>

Fully Online.

College of Public Safety Administration
Public Safety Administration Bachelor of Applied Science
PSA-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1104399991)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

publicsafetyadvising@spcollege.edu -, -

Susan Demers, Dean
demers.susan@spcollege.edu

Program Summary

This program is offered as a Fully Online program.

This program develops competencies that help students solve management problems, understand finance and budgets, fine tune strategic plans, develop and evaluate programs, enhance human resource potential, increase productivity and address internal organizational issues.

The PSA-BAS degree, along with the appropriate certifications, prepares graduates for entry-level positions in law enforcement, fire services, corrections, emergency medical services, emergency administration management, and industrial security enterprises in government and private sector agencies.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

Students who have not completed an AS degree in a Public Safety Related field are required to complete 24 credits total of lower division public safety courses in addition to the bachelor level classes. These courses include the pre-fixes of CCJ, CJL, CJB, CJD, CJE, CJT, DSC, EMS, and FFP.

FOREIGN LANGUAGE:
If you have not completed two years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the BAS Program.

CIVIC LITERACY:

As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

GENERAL EDUCATION COURSES
Additional General Education Courses

	Credits
Enhanced World View Requirements	
A. Communications	9
B. Humanities/Fine Arts	6
C. Mathematics	6
D. Natural & Physical Sciences	6 - 7
E. Social & Behavioral Sciences	6
F. Ethics	3
G. Computer/Information Literacy Competency (see catalog for details)	
Total Credits	**18**

ADMISSIONS COURSES
60 credits in a related discipline with at least 15 General Education credits

	Credits
Total Credits	**60**

MAJOR CORE COURSES
Core Requirements (Complete 27 credits)

		Credits
MAN 3301	Public Personnel Management	3
PAD 3311	Program Planning & Evaluation	3
PAD 3820	Foundations of Public Safety Administration	3
PAD 3874	Community Relations Theory and Practice	3
PAD 4046	Managing Conflict in Public Organizations	3
PAD 4204	Public Finance	3
PAD 4232	Grant Administration & Resource Development	3
PAD 4603	Administrative Law	3
PAD 4878 [1]	Public Safety Administration Capstone	3
Total Credits		**27**

MAJOR ELECTIVE COURSES
Elective Courses (Select 6 credits)

		Credits
CCJ 3075 *	Introduction to Cybercrime	3
COM 3120	Organizational Communication	3
ISM 3011	Management Information Systems	3
MAN 3240	Applied Organizational Behavior	3
MAN 3303	Management & Leadership Practices	3
MAN 4863	Facilities and Property Management	3
PAD 3034	Survey of Public Policy	3
PAD 4332	Strategic and Operational Planning	3
PAD 4393	Critical Incident Management	3
Total Credits		**6**

Note: Completion of CCJ 3075 will result in 3 credits being applied to the Major Core Elective requirement OR 3 credits applied to the Cybercrime (CC) subplan requirement.

SUBPLAN Select ONE subplan from below (Complete 9 credits):	Credits
Total Credits	**9**

SUBPLAN CORE COURSES SUBPLAN: Criminal Justice (CJ)		Credits
CJC 3163 ⅃	Management of Community Corrections	3
CJC 3311 ⅃	Contemporary Issues & Trends in Corrections	3
CJC 3601 ⅃	Corrections Practice & Policy	3
CJE 3263 ⅃	International Organized Crime	3
CJE 3341 ⅃	Patrol Issues in Law Enforcement Administration	3
CJE 3361 ⅃	Management of Specialized Law Enforcement Units	3
CJE 3611 ⅃	Criminal Investigations Theory and Practice	3
PAD 4014 ⅃	Political & Socio-Economic Impact of Gangs	3

SUBPLAN CORE COURSES SUBPLAN: Fire Science (FSE)		Credits
FES 3003 ⅃	Political and Legal Foundations for Fire Protection	3
FES 3015 ⅃	Advanced Fire Administration	3
FES 3533 ⅃	Community Fire & Risk Reduction	3
FES 3780 ⅃	Analytical Approaches to Public Fire Protection	3
FES 4585 ⅃	Fire Prevention Organization and Management	3
FFP 3785 ⅃	Chief Officer	3

SUBPLAN CORE COURSES SUBPLAN: Emergency Management and Homeland Security (EMHS)		Credits
FES 3823 ⅃	Planning Methodology for Hazard Mitigation	3
FES 3833 ⅃	Emerging Issues in Environmental Disaster Management	3
FES 4014 ⅃	Evolution of Emergency Management	3
PAD 4393 ⅃	Critical Incident Management	3

SUBPLAN CORE COURSES SUBPLAN: Cybercrime (CC)		Credits
CCJ 3075 ⅃	Introduction to Cybercrime	3
CJE 3213 ⅃	Digital Forensics in Public Safety	3
CJE 3214 ⅃	Advanced Topics in Digital Forensics	3
CJE 3215 ⅃	Mobile Device Forensics	3

SUBPLAN CORE COURSES SUBPLAN: Cross Discipline (CD)		Credits
	Choose 9 credits from the Subplans above	9

Total Credits	120

[1]Prior to registering for Capstone course (PAD 4878) all other coursework should be completed (or enrolled in).

College of Public Safety Administration
Public Safety Telecommunication Postsecondary Adult Vocational Certificate
PST-PSAV

Effective Catalog Term: Fall 2019 (0565) through Present (CIP# 0743039900)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Michael Dibuono, Public Safety Program Director
Dibuono.Michael@spcollege.edu
(727) 614-7026

Program Summary

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Law, Public Safety and Security career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Law, Public Safety and Security career cluster.

The purpose of this program is to prepare students for employment as a dispatcher: police, fire, ambulance (SOC 43-5031). The content includes, but is not limited to, ethics and the role of the telecommunicator; standard telecommunication operating procedures; relationship to field personnel; understanding of command levels; typical layouts of message centers; use of performance aids; overview of emergency agencies; functions and terminology; use of correct words and grammar; communications equipment, functions and terminology; types of telecommunication equipment; malfunctions and maintenance agreements; proper and correct telephone and dispatching procedures and techniques; cooperation and reciprocal agreements with other agencies; federal, state, and local communication rules; emergency situations and operating procedures; emergency medical dispatch procedures; employability skills; leadership and human relations skills; and health.

Job-Related Opportunities

43-5031 Police, Fire, and Ambulance Dispatchers

Program Related Web Sites

http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/curriculum-frameworks/2017-18-frameworks/law-public-safety-security.stml

Graduation Requirements

-Successful completion of SPC Public Safety Telecommunications Program

MAJOR CORE COURSES		**Credits**
EMS 0002 📄	Dispatcher: Police, Fire, and Ambulance	232
Total Credits		**232**

Note: Program length is by Clock Hours.

Total Credits	**232**

PROGRAM OF STUDY
Health Science Department
Physical Therapist Assistant Associate in Science
PTA-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351080601)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Kory Thomas, Program Director
thomas.kory@spcollege.edu
(727) 341-3612

Program Summary

Transferable to a Bachelor's degree in Health Services Administration at SPC.

This program begins every August. All Physical Therapist Assistant courses (PHT course prefix) are offered only at the Health Education Center at 7200 66th St. N., Pinellas Park.

Due to the time-intensive nature of the PTA program courses, it is highly recommended that students complete as many of the general education and support courses as possible prior to entry into the program. Candidates will also complete the Health Programs Application. It is recommended that all students applying to the PTA program see a counselor or advisor at the Health Education Center.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Program Related Web Sites

Program Website: www.spcollege.edu/PTA/

American Physical Therapy Association: www.apta.org
Florida Physical Therapy Association: www.fpta.org
Florida Board of Physical Therapy Practice: www.doh.state.fl.us/mqa/physical/
Federation of State Boards of Physical Therapy: www.fsbpt.org

Admission Requirements

Please review the **Physical Therapist Assistant A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Physical Therapist Assistant A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the

Admission Guide will be considered for admission.

Students must be currently enrolled in or have completed the following courses with grades of "C" or better:

BSC 2085 HUMAN ANATOMY & PHYSIOLOGY I (3 credits)
BSC 2085L HUMAN ANATOMY & PHYSIOLOGY LABORATORY I (1 credit)
PHI 1600 - ETHICS or (Honors) (3 credits)
HSC 1531 MEDICAL TERMINOLOGY I (2 credits)
Computer/Information Literacy Competency Requirement

Grade of "C" or higher required for BSC 2085/L in order to progress to the first term of the PTA Program.

Applicants must also complete 24 hours of observation in two different physical therapy settings (inpatient and outpatient).

Graduation Requirements

Grade of "C" or better required in all courses.

Successful completion (78%) of a comprehensive program exam given at the end of the second year.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core

	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Humanities and Fine Arts-Core

	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 🔺	American National Government	3
POS 2041 H 🔺	Honors American National Government	3
AMH 2020 🔺	History of the United States II	3
AMH 2020 H 🔺	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Ethics (Complete 3 credits)

		Credits
PHI 1600 🔺	Studies in Applied Ethics	3
Total Credits		**3**

SUPPORT COURSES
Psychology (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Social and Behavioral Science requirement for the AS degree.	
PSY 1012 🔺	General Psychology	3
PSY 1012 H 🔺	Honors General Psychology	3
Total Credits		**3**

SUPPORT COURSES
Anatomy and Physiology (Complete 8 credits)

		Credits
	Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.	
BSC 2085 🔺	Human Anatomy & Physiology I	3
BSC 2085 L 🔺	Human Anatomy & Physiology Lab I	1
BSC 2086 🔺	Human Anatomy & Physiology II	3
BSC 2086 L 🔺	Human Anatomy & Physiology Laboratory II	1

Total Credits		**8**

SUPPORT COURSES
Computer and Information Literacy Requirement (Complete 1 course)

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required. Completion of this requirement satisfies the General Education Computer Competency requirement for this AS degree.	
CGS 1070 ⏎	Basic Computer and Information Literacy	1
CGS 1100 ⏎	Computer Applications	3
CGS 1309 ⏎	Computer and Information Technology Concepts	3
EME 2040 ⏎	Introduction to Educational Technology	3
MUM 1001 ⏎	Apple Macintosh Foundations	1

SUPPORT COURSES
Complete 5 credits

		Credits
DEP 2004 ⏎	Developmental Psychology of the Life Span	3
HSC 1531 ⏎	Medical Terminology I	2
Total Credits		**5**

MAJOR CORE COURSES
1st Term in Program

		Credits
PHT 1121 ⏎	Functional Anatomy and Kinesiology	3
PHT 1121 L ⏎	Functional Anatomy and Kinesiology Laboratory	2
PHT 1200 ⏎	Introduction to Basic Patient Care	3
PHT 1200 L ⏎	Basic Patient Care Laboratory	3
Total Credits		**11**

MAJOR CORE COURSES
2nd Term in Program

		Credits
PHT 1217 ⏎	Physical Therapy Principles and Procedures	3
PHT 1217L ⏎	Physical Therapy Principles and Procedures Laboratory	3
PHT 2252 ⏎	Orthopedic Disabilities and Treatment	3
PHT 2252 L ⏎	Orthopedic Disabilities and Treatment Laboratory	2
Total Credits		**11**

MAJOR CORE COURSES
3rd Term in Program

		Credits
PHT 1801 L ⏎	Physical Therapy Clinical Practice I	4
Total Credits		**4**

MAJOR CORE COURSES
4th Term in Program

		Credits
PHT 2162 ⏎	Neurological Disabilities and Treatment	3

PHT 2220 📄	Therapeutic Exercise in Physical Therapy	2
PHT 2220 L 📄	Therapeutic Exercise in Physical Therapy Lab	2
Total Credits		**7**

MAJOR CORE COURSES **5th Term in Program**		**Credits**
PHT 2810 L 📄	Physical Therapy Clinical Practice II	4
PHT 2931 📄	Trends in Physical Therapy	2
PHT 2820 L 📄	Physical Therapy Clinical Practice III	4
Total Credits		**10**

Total Credits	**74**

Notes

Cohorts are admitted in the fall with applications accepted from March 1 - May 15 .

All Physical Therapist Assistant courses (PHT) are taken at the Health Education Center, 7200 66th St. N, Pinellas Park, FL.

Due to the time-intensive nature of the PTA Program courses, it is highly recommended that you complete as many of the general education and support courses as possible before entering the program.

Graduation Notes

Completion grade of comprehensive exam changed from 75% to 78% per Richard Flora (2/12/2016).

PID 1266

PROGRAM OF STUDY
College of Health Sciences
Radiography Associate in Science
RAD-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351091100)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
John Fleming, Program Director
(727) 341-3758

Program Summary
Transferable to a Bachelor's Degree in Health Services Administration at SPC.

Program begins in January.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
NA

Program Related Web Sites
NA

Admission Requirements
Please review the **Radiography A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Radiography A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Before entering the first term of the Radiography "program courses" students are encouraged to begin General Education courses and must complete the pre-entry requirements. Prior to admission, students must complete:
BSC 2085
BSC 2085L
MAC 1105

General Education and Support courses do not have to be completed in the order listed. Candidates will also

complete the Health Programs Application form. Please see a counselor or advisor.

Graduation Requirements

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	**Credits**
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Communications - Speech**	**Credits**
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required. Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	**Credits**
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	**Credits**
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Enhanced World View**	**Credits**

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041	American National Government	3
POS 2041 H	Honors American National Government	3
AMH 2020	History of the United States II	3
AMH 2020 H	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Mathematics (Select 3 credits)

		Credits
	Completion of this requirement satisfies the General Education Mathematics Core requirement for this AS degree.	
MAC 1105	College Algebra	3
MAC 1114	Trigonometry	3
MAC 1140	Pre-Calculus Algebra	3
MAC 1147	Pre-Calculus Algebra/Trigonometry	5
MAC 2311	Calculus with Analytic Geometry I	5
MAC 2233	Applied Calculus I	3
Total Credits		**3**

SUPPORT COURSES
Computer and Information Literacy Requirement (Complete 1 course)

		Credits
	Completion of this requirement satisfies the General Education Computer Competency Requirement for this AS degree.	
CGS 1100	Computer Applications	3
Total Credits		**3**

SUPPORT COURSES
Anatomy and Physiology (Complete 10 credits)

		Credits
	Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.	
BSC 2085	Human Anatomy & Physiology I	3
BSC 2085 L	Human Anatomy & Physiology Lab I	1

BSC 2086 📄	Human Anatomy & Physiology II	3
BSC 2086 L 📄	Human Anatomy & Physiology Laboratory II	1
HSC 1531 📄	Medical Terminology I	2
Total Credits		**10**

MAJOR CORE COURSES
1st Term in Program (Complete 10 credits)

		Credits
RTE 1000 📄	Orientation to Radiography	3
RTE 1418 📄	Principles of Imaging I	2
RTE 1418 L 📄	Principles of Imaging I Lab	1
RTE 1503 C 📄	Radiographic Procedures I	3
RTE 1503 L 📄	Radiographic Procedures I Lab	1
Total Credits		**10**

MAJOR CORE COURSES
2nd Term in Program (Complete 6 credits)

		Credits
RTE 1513 C 📄	Radiographic Procedures II	2
RTE 1513 L 📄	Radiographic Procedures II Lab	1
RTE 1804 L 📄	Radiographic Clinical Education I	3
Total Credits		**6**

MAJOR CORE COURSES
3rd Term in Program (Complete 9 credits)

		Credits
RTE 1458 📄	Principles of Imaging II	3
RTE 1473 L 📄	Radiographic Quality Assurance Lab	1
RTE 1814 L 📄	Radiographic Clinical Education II	5
Total Credits		**9**

MAJOR CORE COURSES
4th Term in Program (Complete 7 credits)

		Credits
RTE 2824 L 📄	Radiographic Clinical Education III	5
RTE 2385 📄	Radiation Biology	2
Total Credits		**7**

MAJOR CORE COURSES
5th Term in Program (Complete 6 credits)

		Credits
RTE 2782 📄	Radiographic Pathology	2
RTE 2834 L 📄	Radiographic Clinical Education IV	4
Total Credits		**6**

MAJOR CORE COURSES
6th Term in Program (Complete 8 credits)

		Credits
RTE 2563 📄	Advanced Medical Imaging	3
RTE 2844 L 📄	Radiographic Clinical Education V	5
Total Credits		**8**

Total Credits	**77**

<u>Notes</u>
NA

<u>Graduation Notes</u>
NA

PROGRAM OF STUDY
Engineering and Building Arts Department
Rapid Prototyping and Design Certificate without Financial Aid Eligibility
RAPID-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary
This certificate provides a program of study with courses in solid modeling, using SolidWorks. By completing this certificate, the students will provide the technical expertise for the engineering activities of industry in planning, designing, and detailing for Rapid Prototyping. This certificate utilizes the 3-D printers and CNC machines for the solid modeling design process and development of the final product. These courses are also applied to the 60-credit hour Associate in Science Degree in Engineering Technology. Students new to this field will be able to obtain employment by completing this certificate and work in those areas where Rapid Prototyping is used.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• CAD Designer
• CAD Technician
• Design Technician
• Rapid Prototype designer

Graduation Requirements
The student must complete the listed courses, required for the RAPID-CT certificate.

MAJOR CORE COURSES		Credits
ETD 2364 C ⏚	Introduction to SolidWorks	3
ETD 2368 C ⏚	Advanced Solidworks	3
or		

ETD 2369 C 📄	SolidWorks Applications	3
ETD 2371 C 📄	Rapid Protyping Model Design and Fabrication	3
ETD 2382 C 📄	Solidworks Simulation Design Analysis	3
Total Credits		**12**

Total Credits	**12**

PROGRAM OF STUDY
Hospitality and Tourism Department
Rooms Division Management Certificate with Financial Aid Eligibility
RDM-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Alanna Olah, Instructor-in-Charge
Olah.Alanna@SPCollege.edu
(727) 341-7144

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu
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Program Summary

This certificate is designed to prepare students for employment as supervisors and managers in hotels, resorts and cruise lines, as well as related hospitality sectors.

These courses will apply toward the A.S. degree in Hospitality & Tourism Management.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Graduation Requirements

Minimum grade of "C" required in all courses.

MAJOR CORE COURSES		Credits
FSS 2235 C	Introductory Food Production Management	3
HFT 1000	Introduction to the Hospitality and Tourism Industry	3
HFT 1300	Housekeeping Operations	3
HFT 1410	Front Office Procedures	3
HFT 1941	Operations and Service Practicum	2
HFT 2600	Hospitality Law	3
HFT 2750 *	The Event Industry	3
HFT 2942	Hospitality Internship	3
MAN 2340	Supervisory Management	3

MAR 2011	Principles of Marketing	3
MNA 1751	Customer Service I: Developing A Spirit of Customer Service	1
Total Credits		**30**

Total Credits	**30**

*Previously listed as HFT XXXX. Updated 11.1.2017

PROGRAM OF STUDY
Hospitality and Tourism Department
Rooms Division Operation Certificate with Financial Aid Eligibility RDO-CT

Effective Catalog Term: Fall 2017 (0535) through Present (CIP# 0252090406)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Alanna Olah, Instructor-in-Charge
Olah.Alanna@SPCollege.edu
(727) 341-7144

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu
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Program Summary

This certificate is designed to prepare students for employment as supervisors and managers in hotels, resorts and cruise lines, as well as related hospitality sectors.

These courses will apply toward the A.S. degree in Hospitality & Tourism Management.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Graduation Requirements

Minimum grade of "C" required in all courses.

MAJOR CORE COURSES		Credits
HFT 1000	Introduction to the Hospitality and Tourism Industry	3
HFT 1300	Housekeeping Operations	3
HFT 1410	Front Office Procedures	3
HFT 2750 *	The Event Industry	3
MAN 2340	Supervisory Management	3
MAR 2011	Principles of Marketing	3
MNA 1751	Customer Service I: Developing A Spirit of Customer Service	1
Total Credits		**19**

Total Credits	19

*Previously HFT XXXX. Updated 11.1.2017

PROGRAM OF STUDY
Hospitality and Tourism Department
Rooms Division Specialist Certificate without Financial Aid Eligibility
RDS-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Alanna Olah, Instructor-in-Charge
Olah.Alanna@SPCollege.edu
(727) 341-7144

Dr. John Duff, Acting Dean, College of Business
duff.john@spcollege.edu
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Program Summary

This certificate is designed to prepare students for employment in hotels, resorts and cruise lines, as well as related hospitality sectors.

These courses will apply toward the A.S. degree in Hospitality & Tourism Management.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Graduation Requirements

2.0 GPA on all courses

MAJOR CORE COURSES		Credits
HFT 1000	Introduction to the Hospitality and Tourism Industry	3
HFT 1300	Housekeeping Operations	3
HFT 1410	Front Office Procedures	3
MAN 2340	Supervisory Management	3
MNA 1751	Customer Service I: Developing A Spirit of Customer Service	1
Total Credits		**13**

Total Credits	13

PROGRAM OF STUDY
College of Health Sciences
Advanced Adult Critical Respiratory Care Certificate Advanced Technical Certificate without Financial Aid Eligibility
RESACC-ATC

Effective Catalog Term: Fall 2019 (0565) through Present (CIP# 0351090866)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Steve Hardt, Program Director
Hardt.Steve@spcollege.edu
727-341-3627

Program Summary

This program will enable currently licensed and credentialed Registered Respiratory Therapists (RRTs) to assess and develop their skills in advanced adult critical care, including, but not limited to the areas of advanced patient assessment, advanced management of ventilation and oxygenation, airway management, specialty gas administration, pharmacology, and end of life care. This program will also assist the practitioner in preparing for the National Board of Respiratory Care (NBRC) Adult Critical Care Specialty (ACCS) Exam

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Upon successful completion of this program the Registered Respiratory Therapist (RRT) will have increased practice opportunity in adult critical care areas and modalities.

Program Related Web Sites

The National Board of Respiratory Care (NBRC) Adult Critical Care Specialty (ACCS) exam website
https://www.nbrc.org/examinations/accs/

Admission Requirements

Successful completion of a regionally accredited and Committee on Accreditation for Respiratory Care (CoARC) approved program. Must hold a current and valid Registered Respiratory Therapist (RRT) credential and license.

Graduation Requirements

Complete all program courses with a minimum grade of "C".

MAJOR CORE COURSES   **Credits**

RET 3050 📄	Evidence Based Medicine in Respiratory Care	3
RET 4285 📄	Advanced Cardiopulmonary Medicine	4
RET 4494 📄	Advanced Cardiopulmonary Pathophysiology	4
RET 4912 📄	Respiratory Care Capstone	4
Total Credits		**15**

Total Credits	**15**

PROGRAM OF STUDY
College of Health Sciences
Respiratory Care Associate in Science
RESC-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351090800)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Steve Hardt, Program Director
hardt.steven@spcollege.edu
727-341-3627

For Academic Advising and Program Admissions Information, please contact:
Healthadvising@spcollege.edu

Program Summary

The Respiratory Care Program is dedicated to the philosophy and goals of the college. The Respiratory Care Program is designed to offer the student planned learning experiences and to provide knowledge, skills, and promote attitudes that will culminate in successful employment of the graduate as a respiratory therapist.

The Associate of Science in Respiratory Care is transferable to a Bachelor's degree in Health Services Administration at SPC.

Program begins in August.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Please review the **Repiratory Care A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Respiratory Care A.S. program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Before entering the first term of the Respiratory Care "program courses" students must complete a minimum of 12 credits from the General Education and/or Support courses listed below including BSC 2086 and BSC 2086L with a grade of "C" or better. General Education and Support courses do not have to be completed in the order listed below. Candidates will also complete the Health Programs Application form. Please see a counselor or advisor.

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required. Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	3
Total Credits	**3**

GENERAL EDUCATION REQUIREMENT Social/Behavioral Science (Select 3 credits)	Credits
Completion of this requirement satisfies the General Education Social/Behavioral Science requirement for this AS degree.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Mathematics-Core	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Ethics	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3

Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

Credits

	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

Credits

	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

Credits

	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⅃	American National Government	3
POS 2041 H ⅃	Honors American National Government	3
AMH 2020 ⅃	History of the United States II	3
AMH 2020 H ⅃	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES: Anatomy & Physiology
Complete 8 credits

Credits

	Completion of this requirement satisfies the General Education Natural Science Core requirement for this AS degree.	
BSC 2085 ⅃	Human Anatomy & Physiology I	3
BSC 2085 L ⅃	Human Anatomy & Physiology Lab I	1
BSC 2086 ⅃	Human Anatomy & Physiology II	3
BSC 2086 L ⅃	Human Anatomy & Physiology Laboratory II	1
Total Credits		**8**

SUPPORT COURSES
Microbiology (Complete 4 credits)

Credits

MCB 2010 ⅃	Microbiology	3

MCB 2010 L 📄	Microbiology Laboratory	1
Total Credits		**4**

MAJOR CORE COURSES
1st Term in Program (Complete 8 credits)   **Credits**

RET 1007 📄	Respiratory Pharmacology	3
RET 1024 📄	Fundamentals of Respiratory Care	3
RET 1874 L 📄	Clinical Practice I	2
Total Credits		**8**

MAJOR CORE COURSES
2nd Term in Program (Complete 8 credits)   **Credits**

RET 1264 📄	Principles of Mechanical Ventilation	3
RET 1485 📄	Cardiopulmonary Physiology	3
RET 1875 L 📄	Clinical Practice II	2
Total Credits		**8**

MAJOR CORE COURSES
3rd Term in Program (Complete 6 credits)   **Credits**

RET 2284 📄	Advanced Modalities and Monitoring	2
RET 2876 L 📄	Clinical Practice III	4
Total Credits		**6**

MAJOR CORE COURSES
4th Term in Program (Complete 11 credits)   **Credits**

RET 2414 📄	Diagnostic Procedures and Pulmonary Rehabilitation	3
RET 2450 📄	Cardiopulmonary Assessment	2
RET 2484 📄	Pulmonary Disease	2
RET 2877 L 📄	Clinical Practice IV	4
Total Credits		**11**

MAJOR CORE COURSES
5th Term in Program (Complete 9 credits)   **Credits**

RET 2244 📄	LIfe Support	1
RET 2714 📄	Neonatal-Pediatric Respiratory Care	2
RET 2878 L 📄	Clinical Practice V	4
RET 2935 📄	Medical-Surgery Aspects of Respiratory Care	2
Total Credits		**9**

MAJOR CORE COURSES
6th Term in Program (Complete 4 credits)   **Credits**

RET 2879 L 📄	Clinical Practice VI	4
Total Credits		**4**

Total Credits	**76**

PROGRAM OF STUDY
College of Health Sciences
Advanced Neonatal/Pediatric Respiratory Care Certificate Advanced Technical Certificate without Financial Aid Eligibility
RESNPS-ATC

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Steven Hardt, Program Director
Hardt.Steven@spcollege.edu
727-341-3627

Program Summary

This program will enable currently licensed and credentialed Registered Respiratory Therapists (RRTs) to assess and develop their skills in neonatal and pediatric respiratory care, including, but not limited to the areas of advanced assessment, resuscitation, airway and ventilator management, pharmacology, and specialty gas administration. This program will also assist the practitioner in preparing for the National Board of Respiratory Care (NBRC) Neonatal Pediatric Specialty (NPS) exam.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Upon successful completion of this program the Registered Respiratory Therapist (RRT) will have increased practice opportunity in neonatal and pediatric critical care areas and modalities.

Program Related Web Sites

The National Board of Respiratory Care (NBRC) Adult Critical Care Specialty (ACCS) exam website https://www.nbrc.org/examinations/nps/.

Admission Requirements

Successful completion of a regionally accredited and Committee on Accreditation for Respiratory Care (CoARC) approved program. Must hold a current and valid Registered Respiratory Therapist (RRT) credential and license.

Graduation Requirements

Successful completion of all program courses with a minimum grade of "C".

MAJOR CORE COURSES   **Credits**

RET 3050 🔴	Evidence Based Medicine in Respiratory Care	3
RET 4715 🔴	Advanced Neonatal and Pediatric Respiratory Care	4
RET 4912 🔴	Respiratory Care Capstone	4
Total Credits		**11**

Total Credits	**11**

PROGRAM OF STUDY
College of Business
Risk Management and Insurance Management Certificate with Financial Aid Eligibility
RISKMGT-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu
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Michael Ewell, Academic Department Coodinator
ewell.mike@spcollege.edu
727-791-2610

Program Summary

St. Petersburg College and the Florida Association of Insurance Agents (FAIA) have formed a workforce partnership for the insurance community.

The Risk Management and Insurance Management Certificate (CCC) provides foundational knowledge in Business skills, as well as, Risk and Insurance Management. Concepts covered include business practices such as standard operating procedures, budgeting, planning, organizing, marketing, customer service, property and casualty rules, personal and commercial insurance rules, and risk management theory. Emphasis is placed on understanding the concepts of risk, insurance sales, insurance products/policies, customer service, and providing the right coverage for the amount of risk exposure.

The certificate provides individuals with the skills and knowledge needed for employment in risk management and insurance positions. The program is also a good fit for individuals already employed in the insurance field who want to upskill and expand their knowledge in the areas of property, liability, commercial and personal insurance.

The certificate is fully embedded and transferable toward the Business Administration AS degree (Financial Services sub-plan).

Completion of this certificate and a minimum, 2-year degree enables individuals to earn up to three Florida insurances licenses (4-40, 20-44, 2-40). Licenses are awarded without state examination through the Division of Insurance Agent and Agency Services.

Job-Related Opportunities

This program prepares students for employment in roles such as: Customer Service Representative, Insurance Office Assistant, Account Managers, Personal Lines Agent, Claims Adjuster, and Risk Analyst.

Graduation Requirements

A grade of "C" or higher on all required courses.

MAJOR CORE COURSES
Risk Management and Insurance Management - 24 Credit Hours

		Credits
GEB 1011 ⮧	Introduction to Business	3

GEB 2214	Business Communications	3
RMI 1201	Principles of Property and Liability Insurance	3
MAN 2021	Principles of Management	3
RMI 2113	Personal Insurance	3
RMI 2213	Commercial Insurance	3
ACG 2021	Financial Accounting	3
BUL 2241	Business Law I	3
or		
BUL 2131	Legal Environment of Business	3
Total Credits		**24**

Total Credits	**24**

Graduation Notes

1) Courses listed in suggested order of enrollment and completion
2) Graduation with a 2 year degree and the three RMI courses will provide up to three professional insurance licenses: Including 4-40 Customer Representative, 20-44 Personal Lines and 2-40 Health Insurance Agent
3) All courses offered fully online

PID 1215

College of Business
Supply Chain and Logistics Certificate with Financial Aid Eligibility
SCM-CT

Effective Catalog Term: Spring 2021 (0585) through Present (CIP# 0652020901)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu
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Program Summary

This certificate program prepares students to work in any aspect of supply chain, from warehousing to distribution to customer service. Supply Chain and Logistics is a critical function in any organization. Organizations in almost every industry depend on supply chain professionals to manage and oversee the processes that bring products and services to market and result in organizational success. Organizations must manage the flow of products, information, and funds in a synchronized fashion, which is increasingly becoming complex in today's global marketplace.

The strategic teams of today are increasingly comprised of supply chain professionals who oversee and provide strategic direction to these various dynamics. As a result, they can often benefit from additional education and credentials that will assist them in their current position or provide opportunities for advancement.

St. Petersburg College's certificate in Supply Chain and Logistics can provide the opportunity to develop and sharpen the knowledge necessary to formulate solutions and the understanding of how organizations use supply chain networks to acquire, produce, and deliver goods and services to meet the needs of their growing and varied customer base.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Our certificate in Supply Chain can prepare you for a variety of careers in the supply chain industry. These positions can include the following:
• Supply Chain Coordinator
• Logistics Associate
• Inventory Specialist
• Procurement Associate
• Customer Service Representative
• Product Supply Leads
• Receiving Clerks
• Production Schedulers

• Demand Planners

Program Related Web Sites

www.spcollege.edu/lincs

Graduation Requirements

A grade of "C" or better in all courses in the certificate.

MAJOR CORE COURSES
Complete 18 credits

		Credits
GEB 1011	Introduction to Business	3
GEB 2214	Business Communications	3
MAN 2582	Introduction to Project Management	3
MAN 1590	Supply Chain Practices	3
MAN 1500	Supply Chain Operations	3
MAN 2571	Supply Chain Planning	3
Total Credits		**18**

Total Credits	**18**

PROGRAM OF STUDY
College of Business
Supply Chain Management Advanced Technical Certificate with Financial Aid Eligibility
SCMGT-ATC

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu

Michael Ewell, Academic Department Coodinator
ewell.mike@spcollege.edu
727-791-2610

Program Summary

The Supply Chain Management certificate program provides the knowledge and skills needed to pursue careers in the high growth supply chain and logistics industry. Supply chain management is a business function that ensures the efficient and effective management of the flow of goods, services and finances among organizations in the Global business environment. This program covers a range of concepts and applications which provide core knowledge and skills in quantitative operations management, supply chain concepts, procurement, International business. and risk assessment with consideration related to sustainability business management.

Graduates find a wide range of job opportunities in supply chain, purchasing, logistics, production, distribution and operations.

1) The core courses listed below are in the suggested order of enrollment and completion.

Job-Related Opportunities
• 11-3060 Purchasing Managers
o 11-3061 Purchasing Managers
• 11-3070 Transportation, Storage, and Distribution Managers
o 11-3071 Transportation, Storage, and Distribution Managers
• 11-3050 Industrial Production Managers
o 11-3051 Industrial Production Managers
• 13-1000 Business Operations Specialists
o 13-1081 Logisticians
o 13-1020 Buyers and Purchasing Agents
• 11-1020 General and Operations Managers
o 11-1021 General and Operations Managers
• 11-3000 Operations Specialties Managers
o 11-3010 Administrative Services and Facilities Managers
o 11-3012 Administrative Services Managers
o 11-3013 Facilities Managers
• 51-1000 Supervisors of Production Workers
o 51-1010 First-Line Supervisors of Production and Operating Workers
o 51-1011 First-Line Supervisors of Production and Operating Workers

Admission Requirements

1) Applicants should have graduated with at least a bachelor's degree from a regionally accredited college or university
OR
Meet the admission requirements for a Bachelor's degree with 60 credits or more, with 15 credits in General Education, 3 credits in College Level Math and 3 Credits in Composition.
2) Applicants must have a 2.0 overall grade point average
3) Applicants must meet the College's Computer/Information Literacy Competency

Graduation Requirements

A grade of "C" on all courses in the program of study.

MAJOR CORE COURSES
Supply Chain Management - 15 Credits

		Credits
MAN 3504	Operations Management	3
ETI 3647	Supply Chain Management	3
MAN 4570	International Procurement & Outsourcing	3
MAN 3503	Managerial Risk Analysis and Decision Making	3
ISM 3011	Management Information Systems	3
Total Credits		**15**

MAJOR ELECTIVE COURSES
Select One - 3 Credits

		Credits
MAN 3600	International Business	3
or		
MAN 3786	Sustainable Enterprise Planning	3
or		
MAR 4413	Sales and Customer Relationship Management	3
or		
MAN 4881	Authority Influence and Projects	3
Total Credits		**3**

Total Credits	**18**

PROGRAM OF STUDY
Engineering and Building Arts Department
Six Sigma Black Belt Certificate without Financial Aid Eligibility
SIXSG-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Natavia Middleton, Dean

Dr. Sidney Martin, Program Director
martin.sidney@spcollege.edu
727-394-6203

Program Summary
The Six Sigma black Belt certificate provides a four course sequence of classes covering the theory of Six Sigma along with a Six Sigma Project Course. This certificate, intended for the manufacturing and services industries, will build from the concepts of the Lean Six-Sigma Green Belt Expert Certificate. The major objectives of Six Sigma methodology include problem solving, strategic improvement, and business transformation. The course offerings of this certificate program will focus on the theory and methods of Six Sigma and concentrates using facts and data to improve customer satisfaction, reduce cycle time, and reduce defects. The courses in this Black Belt certificate are part of the Quality Specialty in the AS degree in Engineering Technology.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Quality Technician
• Quality Analyst
• Quality Control Specialist
• Manufacturing Technician

MAJOR CORE COURSES		Credits
ETI 2619	Six Sigma Project Management	3
ETI 2624	Six Sigma Black Belt Concepts	3
ETI 2626	Six Sigma Capstone Project	3
ETI 2670	Technical Economic Analysis	3
Total Credits		**12**

Total Credits	12

PROGRAM OF STUDY
College of Health Sciences
Surgical Services Associate in Science
SURG-AS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1351090901)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Deanna Stentiford, Dean
stentiford.deanna@spcollege.edu

Ashley Lake, Program Director
lake.ashley@spcollege.edu

Program Summary

Surgical technologists or technicians are members of the surgical team during medical operations. They help prepare the operating room, check and/or assemble equipment, assist the surgeon during the operation, transfer patients to their rooms and clean the operating room. At SPC, surgical technology students get hands-on experience in an operating room lab. They are prepared with the skills needed to directly enter the workforce. Career options include certified surgical technologists in hospital operating rooms, delivery rooms, ambulatory care centers, physician offices and central sterilizing departments.

Graduates of the program are eligible to take the National Certifying Examination for Surgical Technologists to become a Certified Surgical Technologist (CST). The exam is administered by the National Board of Surgical Technology and Surgical Assisting (NBSTSA). Upon successful completion of the exam, the NBSTSA awards a certificate recognizing the individual as nationally certified.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

29-2055 Surgical technologists

Employment of surgical technologists is projected to grow 7 percent from 2019 to 2029, faster than the average for all occupations. Advances in medical technology have made surgery safer, and more operations are being done to treat a variety of illnesses and injuries

Program Related Web Sites

https://www.bls.gov/ooh/healthcare/surgical-technologists.htm#tab-6

The Admission Guide will outline the admission criteria specific to the Surgical Services program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Candidates will also complete the Health Programs Application form. Please see a counselor or advisor for further information.

Graduation Requirements

Grade of "C" or higher required in all courses.

AS GENERAL EDUCATION REQUIREMENTS **Communications - Composition- Core**	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	Credits
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	Credits
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Enhanced World View**	Credits
Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	

		Credits
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Social and Behavioral Sciences- Core

		Credits
	Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
	Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES: Anatomy & Physiology
Complete 10 credits

		Credits
BSC 2085 ⏷	Human Anatomy & Physiology I	3
BSC 2085 L ⏷	Human Anatomy & Physiology Lab I	1
BSC 2086 ⏷	Human Anatomy & Physiology II	3
BSC 2086 L ⏷	Human Anatomy & Physiology Laboratory II	1
HSC 1531 ⏷	Medical Terminology I	2
Total Credits		**10**

MAJOR CORE COURSES
1st Spring Term (Complete 11 credits)

		Credits
MCB 2004 C ⏷	Microbiology for Health Professionals	4

STS 1302 🔗	Introduction to Surgical Technology	3
STS 1302 L 🔗	Introduction to Surgical Technology Lab	2
STS 1340 🔗	Pharmacology and Anesthesia	2
Total Credits		**11**

MAJOR CORE COURSES **1st Summer Term (Complete 6 credits)**		**Credits**
STS 1310 🔗	Surgical Principles and Techniques	4
STS 1310 L 🔗	Surgical Principles and Techniques Lab	2
Total Credits		**6**

MAJOR CORE COURSES **1st Fall Term (Complete 6 credits)**		**Credits**
STS 2323 🔗	Surgical Procedures I	4
STS 2323 L 🔗	Surgical Procedures I Lab	2
Total Credits		**6**

MAJOR CORE COURSES **2nd Spring Term (Complete 10 credits)**		**Credits**
STS 2324 🔗	Surgical Procedures II	4
STS 2324 L 🔗	Surgical Procedures II Lab	2
STS 2944 C 🔗	Surgical Technology Clinic I	4
Total Credits		**10**

MAJOR CORE COURSES **2nd Summer Term (Complete 6 credits)**		**Credits**
STS 2945C 🔗	Surgical Technology Clinic II	4
STS 2936 🔗	Surgical Certification Symposium	2
Total Credits		**6**

Total Credits	**64**

College of Business
Sustainability Management Bachelor of Applied Science
SUSMGT-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1100302991)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Emmanuel Hernandez – Agosto, Dean, College of Business
Hernandez.Emmanuel@SPCollege.edu
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Dr. Lynn Grinnell, Epicenter
Grinnell.lynn@spcollege.edu
(727) 791-5934

Program Summary

This program is offered as a Fully Online program.

Our courses help students understand the broad concepts and systems involved in sustainability initiatives. Students with this knowledge can be valuable contributors to the growing sustainability needs worldwide. Sustainability managers will be needed in many vital sectors including: Manufacturing, Construction, Government, Military Contracting and International Business.

Various Associate Degree programs are good foundational program feeds to the Sustainability BAS such as Engineering AS, Building Construction AS, Environmental Science AS, as well as the Hospitality and Tourism AS. Completion of various support courses or program courses may align or earn a certification or license.

Program Highlights

•Energy and environmental management
•Sustainable business strategies
•Green construction and urban planning
•Legal aspects of sustainability

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

- Manufacturing & Construction
- Military & Government
- Transportation
- Service Industries
- International business
- Private or Not-for-profit Corporations

Program Related Web Sites

http://www.spcollege.edu/central/cob/sustainability_bas.htm

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

G.P.A.:
A grade of "C" or better is required in all courses.

FOREIGN LANGUAGE:
Two years in high school or two semesters of college instruction in a single foreign language.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

ADMISSIONS COURSES **60 credits in a related discipline with at least 15 General Education credits**	**Credits**
Total Credits	**60**

LOWER DIVISION SUPPORT COURSES **General Education (Complete 15 credits)**	**Credits**
Students who received an AS degree prior to entering Sustainability Management (SUSMGT-BAS) should complete 15 credits of General Education for their Lower Division Support Requirement. Relevant AS degrees include: Environmental Science Technology (ENVSC-AS), Building Construction & Design (ARCH-AS), Engineering Technology (ENG-AS) or Hospitality Management (HMGT-AS)	

LOWER DIVISION SUPPORT COURSES **Complete 15 credits from below**	**Credits**
Students who have earned an AA degree or other AS degree not noted above prior to entering SUSMGT-BAS should choose 15 credits in any of these focus areas: Government/Environmental Management, Green Building, Supply Chain/International Business, Eco-tourism, Six Sigma Green Belt/Sustainability Improvements or Interdisciplinary Approach.	

LOWER DIVISION SUPPORT COURSES **Interdisciplinary Approach**	**Credits**

EVR 1001 C	Introduction to Environmental Science	3
ARC 2461 C	Materials and Methods of Construction I	3
MAN 1500	Supply Chain Operations	3
ETI 1622	Intro to Lean Six Sigma	3
HFT 1000	Introduction to the Hospitality and Tourism Industry	3

LOWER DIVISION SUPPORT COURSES
Government/Environmental Management

		Credits
EVR 1001 C	Introduction to Environmental Science	3
	AND 12 credits in any of the following	
EVR 1328	Natural Resources Conservation and Management	3
EVR 1858	Environmental Regulation and Compliance	3
EVR 2316	Solar Energy Principles and Applications	3
EVR 1263	Urban Pollution	3
EVR 1016	Hazardous Waste/ Materials Management	3
EVR 1357	Wetland Resources	3
EVR 2892 C	Environmental Sampling and Analysis I	3
ENC 2210	Technical Writing	3

LOWER DIVISION SUPPORT COURSES
Supply Chain/International Business

		Credits
EVR 1001 C	Introduction to Environmental Science	3
MAN 1500	Supply Chain Operations	3
MAN 1590	Supply Chain Practices	3
MAN 2571	Supply Chain Planning	3
ENC 2210	Technical Writing	3

LOWER DIVISION SUPPORT COURSES
Green Building

		Credits
EVR 1001 C	Introduction to Environmental Science	3
	AND 12 credits in any of the following	
ARC 2461 C	Materials and Methods of Construction I	3
BCN 1592	Energy Efficient Building Construction for Florida's Climate	3
BCN 1597	An Introduction to Solar Energy in Residential Construction	3
BCN 1593	A Building's Life	2
BCN 1596	Environmental Technology for Building Construction	2
ENC 2210	Technical Writing	3

LOWER DIVISION SUPPORT COURSES
Eco-Tourism

		Credits
EVR 1001 C	Introduction to Environmental Science	3
	AND 12 credits in any of the following	
HFT 1000	Introduction to the Hospitality and Tourism Industry	3
HFT 1300	Housekeeping Operations	3
HFT 2265	Food Service Operations	3

HFT 2276 📄	Club and Resort Operations	2
MAN 1500 📄	Supply Chain Operations	3
MAN 1590 📄	Supply Chain Practices	3
MAN 2571 📄	Supply Chain Planning	3

LOWER DIVISION SUPPORT COURSES
Six Sigma Green Belt/Sustainability Management

		Credits
EVR 1001 C 📄	Introduction to Environmental Science	3
ETI 1622 📄	Intro to Lean Six Sigma	3
ETI 1628 📄	Process Improvement Teams	3
ETI 2610 📄	Six Sigma Methodology and Tools	3
ETI 2619 📄	Six Sigma Project Management	3

MAJOR CORE COURSES
Major Requirements (Complete 33 credits)

		Credits
BUL 3583 📄	Legal Aspects of Sustainability	3
FIN 3403 📄	Financial Management	3
GEB 3213 📄	Business Communication for Professional Effectiveness	3
MAN 3240 📄	Applied Organizational Behavior	3
MAN 3504 📄	Operations Management	3
MAN 3784 📄	Sustainability in the Natural Environment	3
MAN 3786 📄	Sustainable Enterprise Planning	3
MAN 4781 📄	Sustainable Business Strategies	3
MAN 4783 📄	Sustainable Budget Management Triple Bottom Line Analysis	3
MAN 4787 📄	Energy & Environmental Techniques	3
MAR 3802 📄	Marketing Management	3
Total Credits		**33**

MAJOR CORE COURSES
REQUIRED FINAL COURSE - Last Semester for All Students (Complete 3 credits)

		Credits
MAN 4902 📄	Senior Capstone Project in Sustainability Management	3
Total Credits		**3**

MAJOR ELECTIVE COURSES
(Select 9 credits)

		Credits
ETI 3647 📄	Supply Chain Management	3
MAN 3802 📄	Principles of Entrepreneurship	3
MAN 4583 📄	Project Management	3
MAN 4741 📄	Innovation, Change and Agile Projects	3
PAD 4232 📄	Grant Administration & Resource Development	3
MAN 4940 📄	Internship	1 - 3
MAN 3503 📄	Managerial Risk Analysis and Decision Making	3
Total Credits		**9**

Total Credits	**120**

<u>Notes</u>

Fully Online.

College of Computer & Information Technology
Technology Development and Management Bachelor of Applied Science
TMGT-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1101110051)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@spcollege.edu
727-341-7176

Program Summary

The Technology Development and Management bachelor's degree gives students a solid credential in the evolving field of technology management. Students will receive a balance of technology and management education to make you a front-runner in today's competitive environment. You will also have the opportunity to specialize in one of five fields: Data Science, Cybersecurity, Software Development, Project Management, Software Assurance, or Cyber Defense and Risk Mitigation. Through state-of-the-art delivery systems, we help you to achieve your goals as a manager, improve productivity in your organization and become a strong and effective leader.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Admission Requirements

Bachelor's Degree Admission Guides outline criteria specific to each program including course requirements, GPA and the application process.

Graduation Requirements

GRADE OF "C" OR BETTER REQUIRED IN ALL COURSES

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida

Civic Literacy Examination (FCLE).

ADMISSIONS COURSES

	Credits
60 credits in a related discipline with at least 15 General Education credits	
Total Credits	**60**

GENERAL EDUCATION COURSES

Additional General Education Courses	Credits
Enhanced World View Requirements*	
A. Communications *	9
B. Humanities/Fine Arts*	6
C. Mathematics	6
D. Natural & Physical Sciences	6 - 7
E. Social & Behavioral Sciences*	6
F. Ethics	3
G. Computer/Information Literacy Competency (see catalog for details)	
Total Credits	**15**

MAJOR CORE COURSES

(30 credits) Grade of "C" or better required		Credits
BUL 3564 📄	Legal Aspects of Managing Technology	3
GEB 3213 📄	Business Communication for Professional Effectiveness	3
MAN 3303 📄	Management & Leadership Practices	3
CIS 3083 📄	Cloud Computing Foundations	3
ISM 3011 📄	Management Information Systems	3
ISM 3232 📄	Applied Systems Analysis	3
ISM 4113 📄	Software Design Methodologies	3
ISM 3212 📄	Database Management & Analysis	3
ISM 4361 📄	IT Services Management	3
ISM 4915 📄	Senior Capstone Project	3
Total Credits		**30**

AND

Select ONE of the following Subplans:

SUBPLAN CORE COURSES

SUBPLAN: DATA SCIENCE (DATAANALYT) (15 Credits) Grade of "C" or better required		Credits
ISM 4545 📄	Data Analytics Technologies	3
ISM 4547 📄	Data Analytics Management	3
CTS 4454 📄	Business Intelligence and Data Mining	3
CAP 4770 📄	Principles of Data Mining	3
ISM 4548 📄	Web Analytics	3

SUBPLAN CORE COURSES

SUBPLAN: CYBERSECURITY MANAGEMENT (ISA) ((15 credits) grade of "C" or better required	Credits

ISM 4323	Security Essentials	3
ISM 4320	Core Security Principles	3
ISM 4324	Applications in Information Security	3
ISM 4330	Information Security Policy Administration and Management	3
ISM 4321	Strategic Cyber Security Enforcement	3

SUBPLAN CORE COURSES

SUBPLAN: SOFTWARE DEVELOPMENT (SFTDEV) (15 credits) Grade of "C" or better required		Credits
COP 4504	Advanced Software Programming	3
COP 3035	Intermediate Computer Programming	3
CEN 4031	Advanced Program Development Frameworks	3
COP 4533	Algorithmic Design and Development	3
CEN 4722	Human Computer Interfaces	3

SUBPLAN CORE COURSES

SUBPLAN: PROJECT MANAGEMENT (PM) (15 credits) Grade of "C" or better required		Credits
MAN 4583	Project Management	3
MAN 4741	Innovation, Change and Agile Projects	3
MAN 4881	Authority Influence and Projects	3
MAN 4883 **	Project Management Methodology in Specialization	3
MAN 4885	Complex and Advanced Projects	3

SUBPLAN CORE COURSES

SUBPLAN: SOFTWARE ASSURANCE (SFTAS)(15 CREDITS) Grade of "C" or better required		Credits
CEN 3088	Software Security	3
CEN 4078	Software Assurance and Security	3
COP 3035	Intermediate Computer Programming	3
CNT 3010	Foundations: Operating Systems & Networks	3
ISM 4323	Security Essentials	3

SUBPLAN CORE COURSES

Cyber Security Defense and Risk Mitigation (CSDR) (15 credits) Grade of "C" or better required		Credits
ISM 4323	Security Essentials	3
CIS 3661	Security Architectures	3
CNT 3421	Securing the Cloud	3
CTS 4124	Threat Detection and Mitigation	3
CIS 4200	Security Penetration Testing	3

SUBPLAN CORE COURSES

Cloud Computing Management (CCM) (15 credits) Grade of "C" or better required		Credits
CNT 3010	Foundations: Operating Systems & Networks	3

CNT 4425 ⤶	Cloud Architectures	3
CNT 3421 ⤶	Securing the Cloud	3
ISM 4263 ⤶	Cloud Solutions	3
CIS 4651 ⤶	Cloud Deployment and Operations	3

Total Credits	**120**

**A range of specialization courses in project management application areas and content expertise areas will provide students with specific skills for their industry and advanced topics relating to project management practice. Students will have to select three advanced topics from a set of 4 or more offerings each year.

PID 1305

PROGRAM OF STUDY
School of Veterinary Technology
Veterinary Technology Associate in Science
VETTC-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Cynthia Grey, Associate Dean
grey.cynthia@spcollege.edu
(727) 302-6724

Tricia Gorham, Academic Chair
gorham.tricia@spcollege.edu
727-302-6733

Program Summary

ON-CAMPUS PROGRAM BEGINS IN AUGUST AND JANUARY.

This program is also offered as a Fully Online program. Please scroll down to "Distance Education" for more information.

Before entering the first term of the On Campus Veterinary Technology "program courses", all students must have completed at least 18 of the 22 credits of the required Veterinary Technology general education and support courses including composition, speech, mathematics, and natural science. Students may take the general education and support courses at any regionally accredited college or university, or they may complete them through St. Petersburg College campus or distance education courses. The general education and/or support courses do not have to be taken in the order listed. Applicants must have worked or volunteered in a veterinary hospital at least 40 hours prior to applying for admission to fulfill the clinical observation requirement. Candidates will also complete the Health Programs Application before they will be considered for acceptance into the Veterinary Technology Program. Please see a counselor and/or advisor.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Program Related Web Sites

http://www.spcollege.edu/vt/

Admission Requirements

Please review the **Veterinary Technology A.S. Campus Program Admission Guide** or **Veterinary Technology A.S. Online Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Veterinary Technology A.S program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission. Applicants are considered as soon as their file is complete.

Graduation Requirements

In addition to the schedule listed above, the student, with permission of the program director, may elect to take reduced credit hours each semester and extend the program over eight semesters. Courses must be taken in proper sequence and all other program requirements apply.

Minimum grade of "C" required in all courses.

AS GENERAL EDUCATION REQUIREMENTS Communications - Composition- Core	Credits
Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Communications - Speech	Credits
Complete 3 credits from the approved General Education Speech coursework . Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Social and Behavioral Sciences- Core	Credits
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required. Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS Humanities and Fine Arts-Core	Credits
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS
Mathematics-Core

		Credits
	Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Ethics

		Credits
	Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits		**3**

AS GENERAL EDUCATION REQUIREMENTS
Computer/Information Literacy Competency

		Credits
	Competency may be demonstrated by completing the Computer Information and Literacy Exam (CGS 1070T) OR by successful completion of one of the approved Computer/Information Literacy Competency courses. No minimum credits required.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Enhanced World View

		Credits
	Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.	
Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 📄	American National Government	3
POS 2041 H 📄	Honors American National Government	3
AMH 2020 📄	History of the United States II	3
AMH 2020 H 📄	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES
Natural Science Core with Lab Select 3 credits

		Credits

AST 1002	Introduction to Astronomy	3
BSC 1005 C	Biological Sciences with Lab	3
BSC 2010	Biology I Cellular Processes	3
BSC 2010 C H	Honors Biology I Cellular Processes with Laboratory	4
BSC 2085	Human Anatomy & Physiology I	3
CHM 2045	General Chemistry I	3
ESC 1000 C	Earth Science	3
ESC 1000	Earth Science	3
EVR 1001 C	Introduction to Environmental Science	3
PHY 1053	General Physics I	3
PHY 2048	Physics I	3
Total Credits		**3**

MAJOR CORE COURSES
First Term in Program

		Credits
ATE 1110	Animal Anatomy	3
ATE 1110 L	Animal Anatomy Lab	1
ATE 1311 L	Veterinary Office Procedures	1
ATE 1650 L	Veterinary Clinical Practice I	1
ATE 1943	Veterinary Work Practicum I	1
ATE 1741	Veterinary Med Terminology	1
ATE 2050 C	Small Animal Breeds and Behavior	2
ATE 2631	Animal Nursing	3
Total Credits		**13**

MAJOR CORE COURSES
Second Term in Program

		Credits
ATE 1636	Large Animal Clinical & Nursing Skills	2
ATE 1654 L	Veterinary Clinic Practice II	1
ATE 1944	Veterinary Work Practicum II	1
ATE 1211	Animal Physiology	3
ATE 2656 L	Large Animal Clinical and Nursing Skills Lab	1
ATE 2722 L	Avian and Exotic Pet Medicine	2
ATE 2611	Animal Anesthesia	3
ATE 1412 C	Introduction to Dental Techniques	1
Total Credits		**14**

MAJOR CORE COURSES
Third Term in Program

		Credits
ATE 2634	Animal Pharmacology	3
ATE 2638	Animal Lab Procedures I	3
ATE 2638 L	Animal Lab Procedure Lab	2
ATE 2651 L	Animal Nursing & Medicine Lab I	2
ATE 2945	Veterinary Work Practicum III	1
ATE 2661	Large Animal Diseases	1
Total Credits		**12**

MAJOR CORE COURSES
Fourth Term in Program

		Credits
ATE 1671 L 📄	Laboratory Animal Medicine	1
ATE 2612 📄	Animal Medicine	3
ATE 2639 📄	Animal Lab Procedures II	3
ATE 2639 L 📄	Animal Lab Procedures Lab II	2
ATE 2653 L 📄	Animal Nursing & Medicine Laboratory II	2
ATE 2710 📄	Animal Emergency Medicine	1
ATE 2946 📄	Veterinary Work Practicum IV	1
Total Credits		**13**

The Distance Education Program is designed for students who cannot commute to campus. The credit earned by distance education is the same as credit earned on campus. Students may combine distance education courses with on-site courses in order to better accommodate work and family obligations. The difference between local and distance learning is in the method of delivery, not in the content or the desired outcomes. Distance Program – Veterinary Technology Courses are designed to be completed in the specific sequence below. Please contact the program director for advice if you wish to make adjustments.

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DISTANCE EDUCATION PROGRAM BEGINS IN AUGUST, JANUARY AND MAY   **Credits**

The Distance Education Program is designed for students who cannot commute to campus. The credit earned by distance education is the same as credit earned on campus. Students may combine distance education courses with on-site courses in order to better accommodate work and family obligations. The difference between local and distance learning is in the method of delivery, not in the content or the desired outcomes.

Before entering the first semester of the Distance Veterinary Technology "program courses," all students must have completed at least 18 of the 22 credits of general education and support courses and be computer literate. Students may take the general education and support courses at any regionally accredited college or university, or they may complete them through St. Petersburg College campus or distance education courses.

Applicants must have worked or volunteered in veterinary hospital at least 40 hours prior to applying for admission to fulfill clinical observation requirement. Students must also be in a veterinary hospital at least 20 hours per week each semester they are enrolled in the distance program. Students must master over 200 tasks and skills, resulting in the need to be in a hospital where there is the opportunity, equipment, supplies, and expertise to be instructed and learn these tasks and skills.

Candidates will also complete the Health Programs Application form and the Veterinary Hospital Observation and Discussion form before they will be considered for acceptance into the Veterinary Technology Program. Please contact a counselor and/or advisor.

The Veterinary Technology Distance Education Program is based on the following assumptions. Students have:
a. completed at least 18 of the 22 credits of the general education and support courses prior to admission.
b. the initiative, resourcefulness and perseverance to work independently.
c. a solid relationship with an employer veterinarian.
d. experience using a computer and have access to a computer and the Internet.
e. subscribed to an Internet service.

The complete distance program application includes the following:
a. The college application and the $40 fee for new students at SPC.
b. Health Programs Application form.
c. Hospital Observation and Discussion form.
d. Transcripts from your high school (if no college degree) and any colleges you have attended sent directly to SPC from each school.

Applicants are considered as soon as their file is complete.

Distance Program – Veterinary Technology Courses are designed to be completed in the specific sequence below. Please contact the program director for advice if you wish to make adjustments.

MAJOR CORE COURSES
YEAR ONE - 19 CREDITS

		Credits
	Term I: Complete 7 credits	
ATE 1110	Animal Anatomy	3
ATE 1110 L	Animal Anatomy Lab	1
ATE 1741	Veterinary Med Terminology	1
ATE 2050 C	Small Animal Breeds and Behavior	2
	Term II: Complete 6 credits	
ATE 1650 L	Veterinary Clinical Practice I	1
ATE 1943	Veterinary Work Practicum I	1
ATE 1311 L	Veterinary Office Procedures	1
ATE 2631	Animal Nursing	3
	Term III: Complete 6 credits	
ATE 1211	Animal Physiology	3
ATE 1654 L	Veterinary Clinic Practice II	1
ATE 1944	Veterinary Work Practicum II	1
ATE 1412 C	Introduction to Dental Techniques	1

MAJOR CORE COURSES
YEAR TWO - 17 CREDITS

		Credits
	Term I: Complete 7 credits	
ATE 2611	Animal Anesthesia	3
ATE 2651 L	Animal Nursing & Medicine Lab I	2
ATE 2710	Animal Emergency Medicine	1
ATE 2945	Veterinary Work Practicum III	1

	Term II: Complete 5 credits	
ATE 2612 📄	Animal Medicine	3
ATE 2653 L 📄	Animal Nursing & Medicine Laboratory II	2
	Term III: Complete 5 credits	
ATE 2638 📄	Animal Lab Procedures I	3
ATE 2638 L 📄	Animal Lab Procedure Lab	2

MAJOR CORE COURSES **YEAR THREE - 16 CREDITS**		**Credits**
	TERM I: Complete 7 credits	
ATE 2639 📄	Animal Lab Procedures II	3
ATE 2639 L 📄	Animal Lab Procedures Lab II	2
ATE 1636 📄	Large Animal Clinical & Nursing Skills	2
	TERM II: Complete 5 credits	
ATE 2634 📄	Animal Pharmacology	3
ATE 2656 L 📄	Large Animal Clinical and Nursing Skills Lab	1
ATE 2661 📄	Large Animal Diseases	1
	TERM III: Complete 4 credits	
ATE 1671 L 📄	Laboratory Animal Medicine	1
ATE 2722 L 📄	Avian and Exotic Pet Medicine	2
ATE 2946 📄	Veterinary Work Practicum IV	1

Total Credits	**73**

Notes

Fully Online

PROGRAM OF STUDY
School of Veterinary Technology
Veterinary Technology Bachelor of Applied Science
VETTC-BAS

Effective Catalog Term: Fall 2022 (0610) through Present (CIP# 1100183011)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Cynthia Grey, Associate Dean
grey.cynthia@spcollege.edu
(727) 302-6724

Program Summary

This program is offered as a Fully Online program.

The Veterinary Technology (VETTC-BAS) program provides a terminal degree opportunity for veterinary technicians. This program offers specialized tracks in clinical techniques and hospital management and is designed to build on the technical skills acquired in the AS Veterinary Technology program. The curriculum provides in-depth knowledge in subject areas critical for veterinary technicians to be highly capable and contributing members of the profession.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Research, teaching, referral hospitals, specialty hospitals, federal and state regulatory agencies, public health, military, pharmaceutical and equipment companies

Program Related Web Sites

http://www.spcollege.edu/vt-bas/

http://www.spcollege.edu/vt/

Admission Requirements

Please review the **Veterinary Technology B.A.S. Admission Guide**.

The Admission Guide will outline the admission criteria specific to the Veterinary Technology B.A.S program as well as explain the timetable for evaluation and further admission correspondence. Please review this information carefully to ensure you submit a complete application at the appropriate time. Only students who satisfy all the application requirements and submit a complete application in accordance with the information detailed in the Admission Guide will be considered for admission.

Graduation from an American Veterinary Medical Association accredited associates degree veterinary technology program and 15 credits of transferrable gen ed.

Graduation Requirements

GRADE OF "C" REQUIRED IN ALL COURSES.

FOREIGN LANGUAGE:
If you have not completed two consecutive years of the same foreign language in high school or 8 credits in college, you will need to complete 8 credits of foreign language before completing the B.A.S. program.

CIVIC LITERACY:
As per Florida Rule 6A-10.04213, baccalaureate degree students entering a Florida College System (FCS) or State University System (SUS) institution in the 2021-2022 academic school year and thereafter must demonstrate competency through successful completion of a civic literacy course AND by achieving a passing score on the Florida Civic Literacy Examination (FCLE).

GENERAL EDUCATION REQUIREMENT AA Degree: transferrable credits	Credits
Total Credits	37

ADMISSIONS COURSES Lower Division Veterinary Technology (by transfer)	Credits
Total Credits	41

MAJOR CORE COURSES CORE COURSES (Complete 18 credits)		Credits
ATE 3052 * 🔻	Veterinary Technology: From Success to Safety	3
ATE 3515 🔻	Legal & Ethical Issues in Veterinary Technology	3
ATE 3615 🔻	Veterinary Pharmacology	3
ATE 4854 🔻	Leadership in Veterinary Technology	3
ATE 4940 🔻	Veterinary Technology Capstone Practicum	6
Total Credits		18

SUBPLAN Select ONE subplan from below (Complete 24 credits)	Credits
Total Credits	24

SUBPLAN CORE COURSES CLINICAL TRACK (Complete 12 credits)		Credits
ATE 3605 🔻	Small Animal Nutrition	3
ATE 3616 🔻	Small Animal Nursing	3
ATE 3617 🔻	Companion Animal Diseases	3
ATE 3658 🔻	Anesthesia and Surgical Nursing	3

SUBPLAN ELECTIVE COURSES
CLINICAL TRACK (Select 12 credits)

Course	Title	Credits
ANS 3006	Introduction to Animal Science	3
ANS 3440	Principles of Animal Nutrition	3
ATE 3316	Finance for the Veterinary Manager	3
ATE 3344	Supervision in the Veterinary Hospital	3
ATE 3410	Dental Techniques in Veterinary Technology	3
ATE 3510	Understanding the Human-Animal Bond	3
ATE 3601	Integrative Veterinary Nursing	3
ATE 3643	Large Animal Nursing	3
ATE 3803	Teaching Techniques for Veterinary Technicians	3
ATE 3914	Introduction to Veterinary Technology Research	3
ATE 4051	Advanced Veterinary Behavior	3
ATE 4317	Veterinary Hospital Management	3
ATE 4319	Veterinary Hospital Marketing	3
ATE 4711	Emergency and Critical Care	3
ATE 4850	Communication & Professionalism in Veterinary Nursing	3

SUBPLAN CORE COURSES
HOSPITAL MANAGEMENT TRACK (Complete 12 credits)

Course	Title	Credits
ATE 3316	Finance for the Veterinary Manager	3
ATE 3344	Supervision in the Veterinary Hospital	3
ATE 4317	Veterinary Hospital Management	3
ATE 4850	Communication & Professionalism in Veterinary Nursing	3

SUBPLAN ELECTIVE COURSES
HOSPITAL MANAGEMENT TRACK (Select 12 credits)

Course	Title	Credits
ANS 3006	Introduction to Animal Science	3
ANS 3440	Principles of Animal Nutrition	3
ATE 3410	Dental Techniques in Veterinary Technology	3
ATE 3510	Understanding the Human-Animal Bond	3
ATE 3601	Integrative Veterinary Nursing	3
ATE 3605	Small Animal Nutrition	3
ATE 3616	Small Animal Nursing	3
ATE 3617	Companion Animal Diseases	3
ATE 3643	Large Animal Nursing	3
ATE 3658	Anesthesia and Surgical Nursing	3
ATE 3803	Teaching Techniques for Veterinary Technicians	3
ATE 3914	Introduction to Veterinary Technology Research	3
ATE 4051	Advanced Veterinary Behavior	3
ATE 4319	Veterinary Hospital Marketing	3
ATE 4711	Emergency and Critical Care	3

SUBPLAN CORE COURSES
COMBINED CLINICAL AND HOSPITAL MANAGEMENT TRACK (Select 24 credits)   Credits

SUBPLAN ELECTIVE COURSES
COMBINED TRACK: Clinical Electives (Select 6 credits)

		Credits
ATE 3605	Small Animal Nutrition	3
ATE 3616	Small Animal Nursing	3
ATE 3617	Companion Animal Diseases	3
ATE 3658	Anesthesia and Surgical Nursing	3

SUBPLAN ELECTIVE COURSES
COMBINED TRACK: Hospital Management Electives (Select 6 credits)

		Credits
ATE 3316	Finance for the Veterinary Manager	3
ATE 3344	Supervision in the Veterinary Hospital	3
ATE 4317	Veterinary Hospital Management	3
ATE 4850	Communication & Professionalism in Veterinary Nursing	3

SUBPLAN ELECTIVE COURSES
COMBINED TRACK: General Electives (Select 12 credits)

		Credits
ATE 3316	Finance for the Veterinary Manager	3
ATE 3344	Supervision in the Veterinary Hospital	3
ATE 3410	Dental Techniques in Veterinary Technology	3
ATE 3510	Understanding the Human-Animal Bond	3
ATE 3515	Legal & Ethical Issues in Veterinary Technology	3
ATE 3601	Integrative Veterinary Nursing	3
ATE 3616	Small Animal Nursing	3
ATE 3617	Companion Animal Diseases	3
ATE 3605	Small Animal Nutrition	3
ATE 3643	Large Animal Nursing	3
ATE 3658	Anesthesia and Surgical Nursing	3
ATE 3803	Teaching Techniques for Veterinary Technicians	3
ATE 4051	Advanced Veterinary Behavior	3
ATE 4711	Emergency and Critical Care	3
ATE 4317	Veterinary Hospital Management	3
ATE 4319	Veterinary Hospital Marketing	3
ANS 3006	Introduction to Animal Science	3
ANS 3440	Principles of Animal Nutrition	3
ATE 4850	Communication & Professionalism in Veterinary Nursing	3

Total Credits	**120**

*ATE 3052 has replaced ATE 3100, ATE 3200 and ATE 3744.

<u>Notes</u>

Fully Online.

PROGRAM OF STUDY
School of Veterinary Technology
Veterinary Practice Management Certificate with Financial Aid Eligibility
VETTC-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information
Dr. Cynthia Grey, Associate Dean
grey.cynthia@spcollege.edu

Program Summary
The veterinary hospital management courses identified in this certificate program will meet the educational requirements for the Veterinary Hospital Managers Association examination for Certified Veterinary Practice Managers. The 8 courses will cover the areas of personnel, accounting and finance, marketing, legal requirements and budgeting and planning.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

If you have already started the program, click here for the archived Academic Pathways.

Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Certified Veterinary Practice Manager

Admission Requirements
To be admitted to this certificate program, the student must have graduated with an associate's degree or higher from a regionally accredited college or university.

MAJOR CORE COURSES		Credits
ATE 3052	Veterinary Technology: From Success to Safety	3
ATE 3316	Finance for the Veterinary Manager	3
ATE 3344	Supervision in the Veterinary Hospital	3
ATE 3515	Legal & Ethical Issues in Veterinary Technology	3
ATE 4317	Veterinary Hospital Management	3
ATE 4319	Veterinary Hospital Marketing	3
ATE 4854	Leadership in Veterinary Technology	3
Total Credits		**21**

Total Credits	21

PROGRAM OF STUDY
College of Computer & Information Technology
Web Development Specialist Certificate with Financial Aid Eligibility
WEBDS-CT

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
Duff.John@SPCollege.edu
727-341-7176

Chrissy Risberg, Academic Chair
Risberg.Chrissy@spcollege.edu
727-712-5815

Program Summary

This certificate program is designed to introduce students to a variety of skills necessary to code, test, and debug dynamic websites and web applications. In the initial courses, students are introduced to HyperText Markup Language (HTML), Cascading Style Sheets (CSS), development tools, and the application of best practices. Students will also learn skills needed for Front-End Web Development using JavaScript.

These courses will apply toward the AS degree in Web Development (WEBSDM-AS).

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

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Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Web Developer
• Web Production Designer
• Front-End Web Developer

MAJOR CORE COURSES
(18 credits) Grade of "C" or better required

		Credits
COP 1000 * 🗎	Introduction to Computer Programming	3
CGS 1831 🗎	Web Foundations/Essentials	3
CGS 2651 🗎	Social Media and Web Technologies	3
CGS 2823 🗎	Advanced Web Site Development	3
COP 2801 🗎	JavaScript	3

COP 2803	Client-Side JavaScript	3
Total Credits		**18**

Total Credits	**18**

*Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000

PROGRAM OF STUDY
College of Computer & Information Technology
Web Development Associate in Science
WEBSDM-AS

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. John Duff, Dean
duff.john@spcollege.edu
727-341-7176

Chrissy Risberg, Academic Chair
Risberg.Chrissy@spcollege.edu
727-712-5815

Program Summary

This program is offered as a Fully Online program.

This program provides the student with a foundation in the building blocks of the Web such as HTML, CSS and JavaScript. Students will learn the skills necessary to build in demand Enterprise Web Applications such as database design, local area networking, UNIX, and GIT. With this degree, students will be prepared for a career in Full Stack Web Development.

The **Academic Pathway** is a tool for students that lists the following items:
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• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

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Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

• Web Developer
• Web Administrator

Admission Requirements

There are no admissions requirements for this program.

Graduation Requirements

Minimum grade of "C" required in all Support and Major courses.

AS GENERAL EDUCATION REQUIREMENTS
Communications - Composition- Core   **Credits**

Complete 3 credits from the approved General Education Composition I coursework. Minimum grade of "C" required. This requirement must be completed within the first 24 credits of coursework toward the AS degree.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Social and Behavioral Sciences- Core**	**Credits**
Complete 3 credits from the approved General Education Social and Behavioral Sciences coursework. Minimum grade of "C" required.	3
Completing POS 2041 or POS 2041H or AMH 2020 or AMH 2020H will satisfy the **course** component of the Civic Literacy Requirement.	
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Humanities and Fine Arts-Core**	**Credits**
Complete 3 credits from the approved General Education Humanities and Fine Arts coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Mathematics-Core**	**Credits**
Complete 3 credits from the approved General Education Mathematics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Natural Sciences - Core**	**Credits**
Complete 3 credits from the approved General Education Science coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Ethics**	**Credits**
Complete 3 credits from the approved General Education Ethics coursework. Minimum grade of "C" required.	3
Total Credits	**3**

AS GENERAL EDUCATION REQUIREMENTS **Enhanced World View**	**Credits**

Complete at least one 3-credit course intended to enhance the student's world view in light of an increasingly globalized economy. Minimum grade of "C" required. In some cases, this course may also be used to satisfy another General Education Requirement.

Total Credits		**0**

AS GENERAL EDUCATION REQUIREMENTS
Civic Literacy

		Credits
	Competency may be demonstrated by completing at least one course from the approved General Education Civic Literacy coursework below (minimum grade of "C" required) **AND** satisfactory completion of an assessment (exam). This requirement is in compliance with Rule 6A-10.02413 of the Florida Administrative Code.	
POS 2041 ⏷	American National Government	3
POS 2041 H ⏷	Honors American National Government	3
AMH 2020 ⏷	History of the United States II	3
AMH 2020 H ⏷	Honors History of the US II	3
Total Credits		**0**

SUPPORT COURSES

		Credits
	Completion of this requirement satisfies the General Education Computer Comptency requirement for the AS degree.	
CGS 1309 ⏷	Computer and Information Technology Concepts	3
Total Credits		**3**

MAJOR CORE COURSES
Complete 39 credits

		Credits
CGS 1831 ⏷	Web Foundations/Essentials	3
CGS 2651 ⏷	Social Media and Web Technologies	3
CGS 2823 ⏷	Advanced Web Site Development	3
COP 2801 ⏷	JavaScript	3
COP 2844 ⏷	Server-Side JavaScript	3
COP 2803 ⏷	Client-Side JavaScript	3
COP 1842 ⏷	Developing Web Sites Using PHP/MYSQL	3
CTS 2106 ⏷	Fundamentals of the Linux/Unix Operating Environment	3
COP 1000 * ⏷	Introduction to Computer Programming	3
CNT 1000 ⏷	Local Area Network Concepts	3
CTS 2433 ⏷	SQL Database Design & Programming	3
CGS 1200 C ⏷	Web Assistive Technologies	3
CGS 2940 ⏷	Web Development Internship	3
Total Credits		**39**

Total Credits	**60**

*Students should be comfortable with basic algebra and problem-solving tasks. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000

<u>Notes</u>

Fully Online.

PID 1288

PROGRAM OF STUDY
Natural Science Department
Water Quality Technician Certificate without Financial Aid Eligibility WQT-CT

Effective Catalog Term: Fall 2018 (0550) through Present (CIP# 0070301040)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Natavia Middleton, Dean,Natural Science
middleton.natavia@spcollege.edu
727-398-8288

Program Summary

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Agriculture, Food and Natural Resources career cluster.

The content includes but is not limited to analysis and dispensing of water in accordance with appropriate federal, state, and local laws and regulations. The certificate will cover industry standards such as those included in the Clean Water Act.

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• courses that may lead to a certificate (if offered in the program)

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Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities

Environmental Science and Protection Technicians

Graduates of this certificate program should be able to research applicable local, state, and federal regulations and implement methods and strategies to ensure compliance; to maintain records as required by OSHA, and the Environmental Protection Agency (EPA); and to control the process to transfer or treat water or liquid waste.

Graduation Requirements

Students must earn "C" or better in courses required for the certificate.

MAJOR CORE COURSES		Credits
EVR 1001 C	Introduction to Environmental Science	3
EVR 1263 *	Urban Pollution	3

EVR 1357	Wetland Resources	3
EVR 2892 C *	Environmental Sampling and Analysis I	3
Total Credits		**12**

Total Credits	**12**

*CHM 1025/L with a minimum grade of 'C' or permission of the program is required to enroll in this course.

PROGRAM OF STUDY
Social and Behavioral Sciences Department
Youth Development Professional Certificate with Financial Aid Eligibility
YDPF-CT

Effective Catalog Term: Fall 2016 (0520) through Present (CIP# 0451159906)

The requirements below may not reflect degree requirements for continuing students. Continuing students should visit **My SPC** and view **My Learning Plan** to see specific degree requirements for their effective Catalog term.

Program Leadership Information

Dr. Joseph Smiley, Dean, Social/Behavioral Science & Human Services
smiley.joseph@spcollege.edu
727-712-5851

Program Summary

This certificate program is designed to prepare students for entry-level positions in before and after school programs, group homes, residential treatment, youth clubs, recreation centers, and other related environments. Students are prepared to work in the field with a focus on quality standards and best practices in working with children and youth.

The **Academic Pathway** is a tool for students that lists the following items:
• the recommended order in which to take the program courses
• suggested course when more than one option exists
• which semester each course is typically offered
• if the course has a prerequisite
• courses that may lead to a certificate (if offered in the program)

If you are starting the program this term, click here to access the recommended Academic Pathway.

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Please verify the Academic Pathway lists your correct starting semester.

Job-Related Opportunities
• Youth Counselor/Worker
• Recreation Leader
• Camp Counselor
• Case Management Aide
• Youth/Child Advocate
• Life Skills Instructor

Program Related Web Sites

Florida Afterschool Network www.myfan.org
Afterschool Alliance www.afterschoolalliance.org
National Institute on Out-of-School Time www.niost.org
School-Age Notes: Resources for Afterschool Professionals www.schoolagenotes.com
National Afterschool Association www.naaweb.org
Florida School-Age Child Care Professional Credential (Department of Children & Families)
http://www.myflfamilies.com/service-programs/child-care/fsaccpc

Graduation Requirements

Minimum grade of "C" required in all courses.

MAJOR CORE COURSES   **Credits**

HUS 1111 📄   Introduction to Intra and Inter-Personal Processes   3
HUS 1620 📄   Principles and Best Practices in Afterschool Programs   3
HUS 1640 📄   Foundations of Youth Development   3
HUS 2315 📄   Studies in Behavioral Modification   3
HUS 2540 📄   Building Stronger Families and Communities   3
HUS 2949 📄   Co-op Work Experience in Human Services   3
Total Credits   **18**

Total Credits   18

Academies

PUBLIC SAFETY ACADEMIES

Prepare for a rewarding career in law enforcement, firefighting or corrections through the public safety training academies.

For more information: https://www.spcollege.edu/future-students/admissions/program-requirements/public-safety-academies-admissions

Corrections Academy – 420 hours
Florida CMS Correctional Basic Recruit training program.
The Corrections Academy provides the training you need to pass the Florida Department of Law Enforcement State Certification Examination and become a correctional officer. You can serve in local sheriffs' departments, Florida Department of Corrections facilities and private correctional companies. Our academy is held at our FDLE approved training center and uses the curriculum of the Florida Criminal Justice Standards and Training Commission (CJSTC).
https://www.spcollege.edu/future-students/degrees-training/public-safety-public-policy-and-legal-studies/public-safety/corrections-academy

Law Enforcement Academy – 790 hours
Train to become a certified police officer in our FDLE-approved training center.
The Law Enforcement Academy gives you the training you need to pass the Florida Department of Law Enforcement State Officer Certification Examination and become a police officer. SPC's Southeastern Public Safety Institute is an approved FDLE training center and uses the curriculum of the Florida Criminal Justice Standards and Training Commission (CJSTC). These courses count toward subplans of our A.S. degree in Criminal Justice Technology, which transfer to our bachelor's degree in Public Safety Administration.
https://www.spcollege.edu/future-students/degrees-training/public-safety-public-policy-and-legal-studies/public-safety/law-enforcement-academy

Equivalency of Training Academy – 60 – 76 hours
Out-of-state, federal, military, or previously certified Florida officers train to become a certified law enforcement or corrections officer in the state of Florida.
Our Equivalency of Training Academy is for out-of-state officers, federal officers, military personnel and previously certified Florida officers with a break of service of more than four years. (See Florida Statutes 943.131(2) and Florida Administrative Code 11B-35.009(4)(5).) This EOT Academy exempts you from having to complete the full basic recruit academy and qualifies you to sit for the Florida State Officer Certification Examination (SOCE).
https://www.spcollege.edu/future-students/degrees-training/public-safety-public-policy-and-legal-studies/public-safety/equivalency-of-training-academy

Firefighting Academy – 450 hours
Our academy is certified as a fire training center by the Florida Bureau of Fire Standards and Training.
As a firefighter, you often risk your life to protect the public. The St. Petersburg College Firefighting Academy prepares you for a challenging and rewarding career as a firefighter at its cutting-edge Fire and Public Safety Training Center. Once you complete the academy courses, you receive a certificate of completion and are qualified to take the state Firefighter II certification exams.
https://www.spcollege.edu/future-students/degrees-training/public-safety-public-policy-and-legal-studies/public-safety/firefighting-academy

Academic Courses

ACG 2021 Financial Accounting 3.00 Credits

This course is a study of basic accounting principles including the recording and reporting of financial activity. The preparation and interpretation of financial statements with emphasis on the corporation is also studied.

ACG 2071 Managerial Accounting 3.00 Credits

Prerequisite: ACG 2021 . This course is a study of product costing, cost-volume-profit analysis, budgetary planning and control, the statement of cash flows and financial statement analysis. Emphasis will be placed on applications in order to illustrate the accounting principles.

ACG 2450 Accounting Software Applications 3.00 Credits

Prerequisite: (ACG 2021 and CGS 1100 or) permission of program administrator . This course offers an overview of accounting software applications in business organizations. The student will progressively work through accounting cycles for service and merchandising businesses using popular accounting software. Specific applications will include design and setup of an accounting information system for a new company, recording transactions, and creation as well as analysis of various reports and financial statements. Transactional and reporting areas will include banking, customers, sales, vendors, purchases, inventory, employees, and payroll. The course is taught using QuickBooks Pro accounting software and focuses on small to medium-sized business organizations.

ACG 3103 Intermediate Accounting I 3.00 Credits

Prerequisite: ACG 2071 and Admission to: BUS-BS: Business Administration . This course emphasizes the theoretical aspects and frameworks of financial accounting. Topics include financial statements preparation, revenue recognition, present value of investments, and the study of assets. The assets component focuses on current assets such as cash, receivables, and inventories.

AMH 1091 African-American History 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the college placement test . This course examines the development of the Black presence in America. The concern will be to study the economic, social, and psychological factors that led to slavery, the practical consequences of slavery on Black and White social groups, the events and individuals who contributed to the elimination of slavery, the struggle for citizenship and self-worth, the artistic contributions, the social justice movement of the 1970's, and the current social condition defining the Black experience in America. This course partially satisfies the writing requirements outlined in the General Education Requirements.

AMH 2010 History of the United States I 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or an appropriate score on the college placement test. . This course addresses history in the land that becomes the United States of America, beginning with the migration of the Western Hemisphere's original inhabitants. It briefly surveys the pre-Columbian Native American cultures. It also examines the impacts of the European's discovery and settlement of North America on various groups of Native Americans, on Europeans at home and in the colonies, and on Africans forced into slavery in the New World. The course emphasizes the political, economic, social, cultural and religious aspects of life in the English North American colonies through their evolution into the United States, from the country's developmental years through the end of the Civil War. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for AMH 2010 or AMH 2010H or IDS 2103H.)

AMH 2010H Honors History of the United States I 3.00 Credits

Prerequisite: Appropriate score on the college placement test or Admission to: Honors College or Permission of the Program. This advanced course addresses history in the land that becomes the United States of America, beginning with the migration of the Western Hemisphere's original inhabitants. It examines the pre-Columbian Native American cultures. It also examines the impacts of the European's discovery and settlement of North America on various groups of Native Americans, on Europeans at home and in the colonies, and on Africans forced into slavery in the New World. The course will emphasize the evaluation and synthesis of the political, economic, social, cultural and religious aspects of life in the English North American colonies through their evolution into the United States, from the country's developmental years through the end of the Civil War. This course also analyzes methods of qualitative and quantitative research, cases studies, archival retrieval, and comparative approaches to the study of societies and emphasizes writing research-based papers, historiography and critical analysis. Independent research and interdisciplinary connections will also be encouraged for students to make connections to other related areas of humanities, philosophy and

literature in the Honors Program. This advanced course will have a substantial writing assignment. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for AMH 2010 or AMH 2010H or IDS 2103H.)

AMH 2020 History of the United States II 3.00 Credits

Prerequisite: ENC 0025 and REA 0017 or (EAP 1695) or an appropriate score on the college placement test . This course covers the history of the United States from the post-Civil War period (1865) to the present. Emphasis is placed on the social, economic, political and diplomatic history. The course is designed to present history as a dynamic process, encouraging students to think historically and to encourage students to value history. This course partially satisfies the writing requirements outlined in the General Education requirements. (Note: Credit is only given for AMH 2020 or AMH 2020H or IDS 1102H.)

AMH 2020H Honors History of the US II 3.00 Credits

Prerequisite: Appropriate score on the college placement test or Other: acceptance into the Honors College or Permission of the Program: : . This advanced course covers the history of the United States from the post-Civil War period (1865) to the present. The course will present history as a dynamic process, and students will evaluate and synthesize the social, economic, political, and diplomatic history of the post-Civil War period. This course also analyzes methods of qualitative and quantitative research, case studies, archival retrieval, and comparative approaches to the study of societies and emphasizes writing research-based papers, historiography and critical analysis. Independent research and interdisciplinary connections will also be encouraged for students to make connections to other related areas of humanities, philosophy and literature in the Honors Program. This course will have a substantial writing requirement. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for AMH 2020 or AMH 2020H or IDS 1102H.)

AMH 2070 Florida History 3.00 Credits

This course outlines chronologically the economic, social, geographic and political background of Florida from the time of discovery through settlement, colonization and statehood. Florida's role in the Civil War and Reconstruction Period is reviewed and the state's agricultural development into the 20th century is described. Current issues including the impact of urbanization, tourism, and industrialization are emphasized.

AML 1600 African-American Literature 3.00 Credits

Prerequisite: (ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or) appropriate score on the college placement test . This course is designed to survey the major fiction, poetry, drama, and essays of selected African-American writers through the twenty-first century. It emphasizes issues and ideas that have influenced African-American literary expression and explores personal responses to the African-American experience as reflected in American culture. It examines African-American literature through four periods: Slavery, The Civil War and Reconstruction, The Harlem Renaissance, and the Contemporary Period. It traces human experiences as they unfold in African-American literature and American culture, while also exploring the historical background, social issues, and diverse ideologies of each period. This course requires substantial reading, library research, and the composition of the research paper.

AML 2010 American Literature I: to 1865 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or appropriate score on the college placement test . This is a course designed to survey American literature to 1865, with special emphasis on Romanticism and Realism as well as methods of library research, writing of the research paper and the paper of literary interpretation. Included are selected works of major writers such as Edgar Allan Poe, Nathaniel Hawthorne, Herman Melville, Ralph Waldo Emerson, Henry David Thoreau, Walt Whitman, and Emily Dickinson. This course partially satisfies the writing requirements as outlined in the General Education Requirements. (Note: Credit is not given for both AML 2010 and AML 2010H.)

AML 2010H Honors American Literature I: to 1865 3.00 Credits

Prerequisite: (ENC 1101 and appropriate scores on the college placement test or) ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program: : . This course is designed to be a humanistic and interdisciplinary study of American literature from its origins in the 17th Century through the 19th Century. Special emphasis will be given to the literary movements of 19th Century Romanticism and Realism. Representative selections from each period are critically examined for interpretation, historical background, artistic qualities, and philosophy, with emphasis on human values and application to life. This course also stresses

methods of research and emphasizes writing research-based papers, including literary interpretation and critical analysis. Independent research and interdisciplinary connections will also be encouraged for students to make connections to other related areas of humanities, philosophy and literature in the Honors Program. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for AML 2010H or AML 2010).

AML 2020 American Literature II: 1865 To Present 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or appropriate score on the college placement test . This is a course designed to survey American literature from 1865 to the present. Included are selected works of major writers such as Mark Twain, Stephen Crane, Henry James, Robert Frost, Carl Sandburg, T. S. Eliot, E. E. Cummings, F. Scott Fitzgerald, William Faulkner, Ernest Hemingway, Norman Mailer, Bernard Malamud, Flannery O'Connor, James Baldwin, James Dickey, and Sylvia Plath. This course also stresses methods of library research and emphasizes writing of the research paper and the paper of literary interpretation. This course partially satisfies the writing requirements outlined in the General Education Requirements. American Literature to 1865 is not necessarily a prerequisite to this course. (Note: Credit is only given for AML 2020 or AML 2020H.)

AML 2020H Honors American Literature II: 1865 to Present 3.00 Credits

Prerequisite: (ENC 1101 or appropriate score on the college placement test or) ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program. This course is designed to be an interdisciplinary study of American literature from the 19th century to the present. Special emphasis will be given to the literary movements of the 19th and 20th century. Representative selections from each period are critically examined for interpretation, historical background, artistic qualities, and philosophy, with emphasis on human values and application to life. This course also stresses methods of research and emphasizes writing research-based papers, including literary interpretation and critical analysis. Independent research and interdisciplinary connections will also be encouraged for students to make connections to other related areas of humanities, philosophy and literature in the Honors Program. This course partially satisfies the writing requirements as outlined in the General Education Requirements. (Note: Credit is only given for AML 2020 or AML 2020H.)

ANS 3006 Introduction to Animal Science 3.00 Credits

Admission to: BIOLOGY-BS: Biology or VETTC-BAS: Veterinary Technology . This course provides an overview of the discipline of livestock production. The course covers the fundamentals of animal science, including nutrition, feeds, genetics, reproduction, healthcare and management of major and minor species. The agricultural industries of animal production will also be explored.

ANS 3440 Principles of Animal Nutrition 3.00 Credits

Admission to: BIOLOGY-BS: Biology or Permission of the Program: : or Admission to: VETTC-BAS: Veterinary Technology . This course investigates the classification and function of nutrients, their interrelationships and processes of utilization, the use and composition of feedstuffs and ration formulation for domestic animals, especially ruminant and non-ruminant food animals. This introductory course offers an overview of all aspects of nutrition for domestic animals. The fundamentals of nutritional science and the classification and use of feedstuffs are included. The basics of anatomy and physiology of the digestive systems of all major food animal species and horses are discussed. Current methods of balancing rations are introduced with exercises to apply these methods. (Note: Study Abroad opportunities may apply to this course. https://blog.spcollege.edu/international/study-abroad/)

ANT 2000 Introduction to Anthropology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 or) EAP 1695 or appropriate score on the placement test . This course is an introduction to the science of man and his culture, defining the branches of anthropology, its methods, and its relation and contribution to the other disciplines. Emphasis will be given to the universal and unique aspects of man's adaptation to his environment, and to his biological origins. This course partially satisfies the writing requirements outlined in the General Education Requirements.

ANT 2410 Cultural Anthropology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 or) EAP 1695 or appropriate score on the college placement test. . This course is the study of the influence of culture on human behavior. The course deals with cultural variations and similarities in the areas of subsistence techniques and technology, family and kinship, social order and disorder, and world view. This course partially satisfies the writing requirements outlined in the General Education Requirements. Note: Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

ARC 1301C Architectural Design I 4.00 Credits

Pre or Corequisite: ART 1300C . This is an introductory course interfacing communication skills with design thinking. Emphasis is on the awareness and understanding of basic organization ideas in design.

ARC 1302C Architectural Design II 4.00 Credits

Prerequisite: ARC 1301C . This is an analysis course that uses the study of architectural precedent as a foundation for the development of communication and design skills. Eight class and laboratory hours weekly.

ARC 1701 Architectural History I 3.00 Credits

This course is a general survey of social, political and cultural factors which have generated art and architecture from prehistoric times through the Baroque and Rococo periods. Instruction also includes drawings and sketches of major buildings. An annotated sketchbook will be required.

ARC 1702 Architectural History II 3.00 Credits

This course is a general survey of the social, political and cultural factors which have generated art and architecture from the Age of Enlightenment to the present. The elements of architecture, described by Vitruvius as Function, Strength and Aesthetics, will be analyzed in significant buildings from the Eighteenth Century to the current works by contemporary architects. Instruction also includes drawings and sketches of major buildings. An annotated sketchbook will be required.

ARC 2201 Architectural Theory 3.00 Credits

This course is a theoretical exploration into the meaning and goals of architecture; an investigation of the creative process of design.

ARC 2303C Architectural Design III 4.00 Credits

Prerequisite: ARC 1302C . This course is an introduction to the forces, both physical and perceptual, which determine the varied environments which man creates, or otherwise alters. Emphasis will be placed on: (1) becoming aware of the forces which contribute to the environment; (2) gathering and organizing data supporting the existence of these forces; and (3) discovering means to communicate these findings. Eight class and laboratory hours weekly.

ARC 2304C Architectural Design IV 4.00 Credits

Prerequisite: ARC 2303C . A personal interview and a review of the student's portfolio and academic record by an architecture faculty committee is required for admission to this course. This course is a continuation of Architectural Design III, basic studies in perception of the components of architecture. This course has a substantial writing requirement.

ARC 2461C Materials and Methods of Construction I 3.00 Credits

This course is an introduction to materials and methods used in wood frame, masonry, concrete and steel construction. Laboratory work will consist of "hands on" experience and field trips to construction sites.

ARC 2501 Architectural Structures I 4.00 Credits

Prerequisite: ARC 1302C . This course is a study of basic principles of static mechanics and strength of materials relating to the design, investigation, and behavior of structural elements and systems of buildings. This course has a substantial writing requirement.

ARH 1000 Understanding Art 3.00 Credits

Prerequisite: (ENC 0025 or EAP 1695 or) appropriate score on the college placement test. . This is a beginning course for any student curious about art and why it looks the way it does. Students will explore a variety of visual experiences in relationship to their seeing, feeling, thinking, and self. They will examine, discuss, and handle two and three-dimensional media. This course partially satisfies the writing requirements outlined in the General Education Requirements. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)

ARH 2050 Art History:Ancient to Gothic 3.00 Credits

Prerequisite: (ENC 0025 or EAP 1695 or) appropriate score on the college placement test. . This course examines the origin and development of painting, sculpture, architecture, and significant crafts from the Paleolithic era to the Gothic period in Western Europe. This course partially satisfies the writing requirements outlined in the General Education Requirements.

ARH 2051 Art History: Renaissance to Contemporary 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or appropriate score on the college placement test. . This course is a study of the development of painting, sculpture, and architecture from the Renaissance to the twentieth century. This course partially satisfies the writing requirements outlined in the General Education Requirements.

ART 1201C Design I 3.00 Credits

This course is a foundation course developing knowledge and perception of two-dimensional form and its elements. This course is an introduction to basic design concepts, skills and processes necessary for all art careers.

ART 1203C Design II 3.00 Credits

Prerequisite: ART 1201C . This is a foundation course developing knowledge and perception of three-dimensional form and its elements. An expansion of design skills, processes and concepts of design necessary for all art careers is discussed.

ART 1300C Drawing I 3.00 Credits

This course is an introduction to basic drawing skills, concepts and processes through a structured learning situation. Various media are used. Course may be taken up to three times for credit. NOTE: This course is not intended for students in the Digital Media programs. Digital Media students should register for DIG 2183C Digital Drawing. Please see an advisor for further guidance. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).92 contact hours.

ART 1330C Drawing II 3.00 Credits

Prerequisite: ART 1300C . This course is an in-depth study of drawing with an emphasis upon classical drawing ideals and techniques as they pertain to the depiction of the human figure and organic form. Course may be taken up to three times for credit.

ART 1701C Sculpture I 3.00 Credits

Prerequisite: ART 1203C or Permission of the Program: : . This course covers the problems and techniques of applied three-dimensional design with an emphasis on the use of materials and tools. Students will be introduced to the basic methods of casting, carving, modeling, and assemblage. The creative aspects of the sculptural process will be emphasized by broadening the student's concept development and sensitizing the student to the materials and techniques involved in the sculptural process. Students will become familiar with the basic vocabulary associated with sculpture. Students will discuss and apply issues of contemporary critical art theory within the context of their project work. Course may be taken up to three times for credit.

ART 1750C Ceramics I 3.00 Credits

This course presents the basic concepts of ceramic design, as well as the various methods of construction and firing pieces. Course may be taken up to three times for credit.

ART 1751C Ceramics II 3.00 Credits

Prerequisite: ART 1750C or Permission of the Program: : . This course is an extension of ART 1750C. This course addresses advanced throwing techniques, creative hand-building, glaze formulation, and firing processes. Course may be taken up to 3 times for credit.

ART 2400C Printmaking I 3.00 Credits

Prerequisite: ART 1300C . This course is an exploration of figure/ground theory as related to 2D visual design and image making. Basic skills in relief printing, intaglio, monoprint, silkscreen, and collagraph will be explored. Students will focus on technical skills of creating both editioned prints and monoprints. Course may be taken up to three times for credit.

ART 2500C Painting I 3.00 Credits

Prerequisite: ART 1201C and ART 1300C . This course is an introduction to the materials, techniques and concepts of painting through a structured learning situation. Course may be taken up to three times for credit.

ART 2501C Painting II 3.00 Credits

Prerequisite: ART 2500C . This course is a continuation of Painting I with an emphasis on individual development. Course may be taken up to three times for credit.

ART 2940 Visual Arts Internship 1.00 - 3.00 Credits

Permission of the Program: : . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations.

ASL 1140C Basic American Sign Language with Lab 4.00 Credits

This course is an introduction to American Sign Language (ASL) as used in the Deaf Community and includes an overview of ASL grammatical features and structures. Emphasis will be placed upon building novice level of sign lexicon and communication through engaging in discussion and negotiating meaning related to personal preferences, family, familiar topics, needs and feelings. Students will gain awareness of Deaf Culture through connections within the Deaf Community and will investigate the similarities and differences between languages and culture within the Deaf Community. Students will have directed practice with live and recorded ASL on a variety of topics, emphasizing the development of a novice level of receptive and expressive conversational practice.

ASL 1150C Intermediate American Sign Language with Lab 4.00 Credits

Prerequisite: ASL 1140C . This course is a continuation of basic American Sign Language (ASL) as used in the Deaf Community. It includes a continued study of ASL grammatical features and structures. Emphasis will be placed upon building an intermediate level of sign lexicon and communication though engaging in discussion and negotiating meaning related to describing people and places, making requests, giving opinions and asking for advice, as well as discussing personal plans and goals. Students will gain awareness of Deaf Culture through connections within the Deaf Community and will investigate the similarities and differences between languages and cultural variations within the Deaf Community. Students will have directed practice with live and recorded ASL on a variety of topics, emphasizing the development of an intermediate level of receptive and expressive conversational practice.

ASL 1160C Advanced American Sign Language with Lab 4.00 Credits

Prerequisite: (ENC 0025 or ENC 0027 or ENC 0056 and) (REA 0017 or REA 0056 or) EAP 1695 or Appropriate score on the college placement test. and (ASL 1150C and Pre or Corequisite: ASL 1510) . This course is a continuation of Intermediate American Sign Language (ASL) designed to develop expressive and receptive signing skills to an advanced level. Included are compound/complex sentences, inflectional signs, tense and time, sign modulations, and classifiers. Discussion may also include cultural issues and optional professional careers in deafness.

ASL 1300 Structure of American Sign Language 3.00 Credits

Prerequisite: ASL 1510 and ASL 1160C . This course is for the intermediate or advanced signer with limited exposure to American Sign Language (ASL). American Sign Language, as used by deaf adults, is studied with an emphasis on the phonological, morphological, semantic, syntactical, idiomatic and metaphorical aspects of ASL. Current research in the field is examined and discussed.

ASL 1430 Fingerspelling 2.00 Credits

Prerequisite: ASL 1140C and Pre or Corequisite: ASL 1510 . This course introduces students to fingerspelling and numbers in American Sign Language. The course covers topics such as techniques and forms of fingerspelling, when people fingerspell and how they use fingerspelling to meet their needs. It also includes numerical systems in American Sign Language (ASL). Emphasis is on both receptive and expressive development.

ASL 1510 Introduction to Deaf Culture 3.00 Credits

This course is an introduction and orientation to the educational, communicative, social, vocational, psychological and legal aspects of deafness. The course will deal with the impact of deafness on the individual and the family, as well as social patterns of the deaf community. In addition, it will describe historical and changing attitudes toward the culture of deaf persons and other groups of handicapped persons.

ASL 2210C American Sign Language IV with Lab 4.00 Credits

Prerequisite: ASL 1160C and ASL 1510 and (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the college placement test and Permission of the Program: : . This course is a continuation of Advanced American Sign Language (ASL) designed to focus on the development of mastery and advanced conversational American Sign Language skills. This course will emphasize receptive and expressive discourse with ASL users, focus on non-manual signals, complex grammatical constructions, and idiomatic expressions.

AST 1002 Introduction to Astronomy 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) . This course is a survey of astronomy that includes an introduction to the characteristics, origin and evolution of the solar system, our Sun and other stars, the Milky Way galaxy, other galaxies, and the universe. It will include a historical perspective from the time of ancient astronomers to current astronomical theories.

AST 1003 The Solar System 3.00 Credits

Prerequisite: ENC 0025 and REA 0017 and MAT 0028 . This course is a study of Earth as a planet, the Moon, and the Sun, measurement of time, eclipses, planets and their satellites, comets, meteors, and various theories of the origin of the solar system. Consideration will be given to the historical development of the science and the basic principles of mechanics as applied to astronomy.

AST 1022L Observational Astronomy Laboratory 1.00 Credits

Pre or Corequisite: AST 1002 or AST 1003 or Prerequisite: AST 1004 . This is a laboratory course to provide those experiences in observation needed by the beginning astronomy student and the interested amateur. Topics will include astronomical coordinate systems, characteristics of telescopes, telescopic observation of celestial objects, astrophotography, and applications of desktop planetarium software.

ATE 1110 Animal Anatomy 3.00 Credits

Admission to: VETTC-AS: Veterinary Technology and Pre or Corequisite: ATE 1110L . This course will teach the fundamentals of anatomy of domestic animals, especially the canine, with emphasis on locating and identifying the anatomical regions and landmarks. Introduction to descriptive and topographical terms to aid the student in communicating with the professional staff.

ATE 1110L Animal Anatomy Lab 1.00 Credits

Admission to: VETTC-AS: Veterinary Technology and Pre or Corequisite: ATE 1110 . This course is designed to acquaint the student with the fundamental techniques involved in anatomic dissection as well as necropsy procedures. This laboratory will correlate with lecture material learned in Animal Anatomy and will help to visualize these concepts.

ATE 1211 Animal Physiology 3.00 Credits

Admission to: VETTC-AS: VETERINARY TECHNOLOGY and Pre or Corequisite: ATE 1110 and ATE 1110L . This course is designed to acquaint the student with physiology of the domestic animal species. The course emphasizes the differences between the systems of domestic animals. Aspects of physiology relating to the pathogenesis of certain diseases will also be discussed.

ATE 1311L Veterinary Office Procedures 1.00 Credits

Admission to: VETTC-AS: VETERINARY TECHNOLOGY . This course is designed to acquaint the student with the mathematics and office procedures used in veterinary hospital management. In addition, the laws and the agencies governing the care, use, and movement of animals and current veterinary issues will be discussed. Resume writing, job seeking, and interview techniques will also be covered.

ATE 1412C Introduction to Dental Techniques 1.00 Credits

Prerequisite: ATE 1110 and ATE 1110L . This course serves as an introduction to the fundamental techniques of veterinary dentistry used by veterinary technicians. Students will attain a foundation level understanding of basic topics such as dental disease, dental preventative care, diagnostic and therapeutic techniques, and equipment usage.

ATE 1636 Large Animal Clinical & Nursing Skills 2.00 Credits

Admission to: VETTC-AS: Veterinary Technology . This course is designed to educate the students on the basics of farm animal health including husbandry, nutrition, dentistry, preventative medicine and clinical and surgical procedures. Students will learn about horses, ruminants, camelids and swine.

ATE 1650L Veterinary Clinical Practice I 1.00 Credits

Admission to: VETTC-AS: VETERINARY TECHNOLOGY . This course is designed to acquaint the student with basic laboratory and nursing skills, including restraint, history taking, examining room techniques, administering medications, basic parasitology, and basic clinical pathology procedures.

ATE 1654L Veterinary Clinic Practice II 1.00 Credits

Prerequisite: ATE 1650L and ATE 1110 and Pre or Corequisite: ATE 1944 . This course is designed to acquaint the student with basic skills in radiology and surgical nursing.

ATE 1671L Laboratory Animal Medicine 1.00 Credits

Prerequisite: ATE 2651L . This course is a study of the technical clinical aspects of laboratory animal care, including restraint and handling, common diseases, and nutrition of common laboratory species.

ATE 1741 Veterinary Med Terminology 1.00 Credits

Admission to: VETTC-AS: Veterinary Technology . This course is an introduction to medical terminology and veterinary terminology. Included is an introduction to the foundation of veterinary and medical language such as word roots, prefixes, suffixes, and combining forms.

ATE 1943 Veterinary Work Practicum I 1.00 Credits

Pre or Corequisite: ATE 1650L and Admission to: VETTC-AS: Veterinary Technology . This course consists of supervised clinical experience in a work place approved by the instructor. (Note: A minimum of 100 hours in a full service veterinary clinic is required.)

ATE 1944 Veterinary Work Practicum II 1.00 Credits

Prerequisite: ATE 1943 and Pre or Corequisite: ATE 1654L . This course consists of supervised clinical experience in a workplace approved by the instructor. (Note: A minimum of 100 hours in an approved workplace is required.)

ATE 2050C Small Animal Breeds and Behavior 2.00 - 2.00 Credits

Admission to: VETTC-AS: Veterinary Technology . This is a lecture/lab course covering canine and feline behavior, learning, and communication. Discussion topics will include dog and cat training, learning and behavior modification, perception, communication, development and social relationships, and genetic influences on behavior. The student will train a dog and a cat, will discuss and apply learning and behavior modification techniques, and will learn about and be able to identify common canine and feline breeds.

ATE 2501C Professional Development Seminar 1.00 Credits

Admission to: VETTC-AS: Veterinary Technology . This course is designed to acquaint the student with the laws and the agencies governing the care, use, and movement of animals and livestock. The course also includes veterinary issues, resume writing, and effective job seeking techniques.

ATE 2611 Animal Anesthesia 3.00 Credits

Pre or Corequisite: ATE 1211 . This is a course designed to acquaint the student with common surgical procedures, anesthesiology, asepsis, surgical instrument identification and care.

ATE 2612 Animal Medicine 3.00 Credits

Pre or Corequisite: ATE 1211 . The course topics include immunity, disease prevention, common vaccinations and diseases, physical therapy, oxygen and fluid therapy, transfusion medicine, and obstetrics/pediatric care in companion animals

ATE 2631 Animal Nursing 3.00 Credits

Admission to: VETTC-AS: Veterinary Technology . This course is a study of the technical skills of hospital maintenance and disinfection; general patient care; clinical nutrition; medicating animals; exam room techniques; diagnostic imaging including radiography, ultrasonography and endoscopy; zoonotic diseases; and human health hazards associated with veterinary medicine.

ATE 2634 Animal Pharmacology 3.00 Credits

Prerequisite: ATE 1211 . This course is a study of the principles and practices related to veterinary pharmacology. Lecture topics will include a review of veterinary pharmacology and pharmacokinetics. Emphasis is on the application of the principles of pharmacology in small animal veterinary practice.

ATE 2638L Animal Lab Procedure Lab 2.00 Credits

Pre or Corequisite: ATE 2638 . This course is for the reinforcement and application of laboratory procedures and principles taught in Animal Laboratory Procedures.

ATE 2638 Animal Lab Procedures I 3.00 Credits

Prerequisite: Any College-level BSC or ZOO and ATE 1211 and Pre or Corequisite: ATE 2638L . This lecture course is designed to introduce the veterinary technician student to common parasites and their life cycles seen in routine veterinary practice. Hematology and the kinetics of the hematopoietic system are discussed with emphasis on normal blood smears and common changes seen during disease states of domestic animals.

ATE 2639 Animal Lab Procedures II 3.00 Credits

Prerequisite: ATE 2638 and Pre or Corequisite: ATE 2639L . This lecture course serves as a continuation of Animal Lab Procedures I and covers topics of immunology, organ function and diagnostic testing. Additional topics include normal and abnormal exfoliative cytology, veterinary microbiology, and the evaluation of endocrine disorders.

ATE 2639L Animal Lab Procedures Lab II 2.00 Credits

Prerequisite: ATE 2638L and Pre or Corequisite: ATE 2639 . This course provides experience in the clinical application of the techniques discussed in Animal Laboratory Procedures II in the areas of immunology, clinical chemistry, cytology, veterinary microbiology, coagulation testing, and abnormal and comparative hematology.

ATE 2651L Animal Nursing & Medicine Lab I 2.00 Credits

Prerequisite: ATE 1211 and ATE 1311L and ATE 1654L and Pre or Corequisite: ATE 2611 and ATE 2631 . This course is designed to acquaint the student with medical nursing techniques, anesthesia, and principles of radiology practices utilized in veterinary hospitals.

ATE 2653L Animal Nursing & Medicine Laboratory II 2.00 Credits

Prerequisite: ATE 2651L . This course is a continuation of Animal Nursing and Medicine Laboratory I. Skills will be developed in veterinary anesthesia, animal nursing care, and veterinary radiology procedures.

ATE 2656L Large Animal Clinical and Nursing Skills Lab 1.00 Credits

Pre or Corequisite: ATE 1636 . This course is designed to acquaint the student with the fundamentals of large animal husbandry, herd health management, preventive medicine, animal restraint and nutrition as it relates to the bovine, equine, porcine, and caprine species.

ATE 2661 Large Animal Diseases 1.00 Credits

Prerequisite: ATE 1636 . This course is designed to acquaint the student with the fundamentals of preventative medicine and common diseases present in the large animal species. Aspects of equine, bovine, ovine and porcine diseases and common treatments will be emphasized.

ATE 2710 Animal Emergency Medicine 1.00 Credits

Pre or Corequisite: ATE 1211 and ATE 2651L . This course is designed to acquaint the student with the fundamentals of emergency veterinary medicine, including identifying emergencies, veterinary emergency first aid, toxicology, as well as knowledge of assistance in specialized veterinary medical and surgical techniques relating to common emergencies.

ATE 2722L Avian and Exotic Pet Medicine 2.00 Credits

Pre or Corequisite: ATE 1211 . This course is designed to acquaint the student with the fundamentals of avian and exotic pet husbandry, anatomy, physiology, management, and medicine. This course includes the following vertebrate groups as lecture topics: Parrots, Reptiles, Amphibians, Fish, and Exotic Companion Mammals.

ATE 2945 Veterinary Work Practicum III 1.00 Credits

Prerequisite: ATE 1944 and Pre or Corequisite: ATE 2651L . This course consists of supervised clinical experience in a full service veterinary clinic and/or shelter approved by the instructor. (Note: A minimum of 64 hours is required, at least 16 of which must be performed in an animal shelter.)

ATE 2946 Veterinary Work Practicum IV 1.00 Credits

Prerequisite: ATE 2945 Pre or Corequisite: ATE 2639L ATE 2653L . This course consists of supervised clinical experience in a full service veterinary clinic and/or emergency clinic approved by the instructor. (Note: A minimum of 100 hours is required, at least 40 of which must be performed in an emergency clinic.)

ATE 2947 Veterinary Work Practicum V 1.00 Credits

Prerequisite: ATE 2946 . This course consists of supervised clinical experience in a workplace approved by the instructor. A minimum of 64 hours in an approved workplace is required. (Note: This course may be taken up to four times for a total of credits. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

ATE 3052 Veterinary Technology: From Success to Safety 3.00 Credits

Admission to: VETTC-BAS: Veterinary Technology or VETTC-CT: Veterinary Practice Management . This course will familiarize students with the common hazards of a veterinary hospital and the ways individuals can avoid unnecessary risk. The course is designed to assist students in facilitating a safe workplace and safe work practices for personnel working in a veterinary

environment. Students will be introduced to core concepts that are integral to the successful completion of the Bachelor's program. Topics will include navigating the online environment, using the SPC online library and Internet, essentials of writing and grammar, writing using American Psychological Association (APA) guidelines and an introduction to the required electronic portfolio system.

ATE 3100 Tools For Success 1.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management . This course will introduce and review core concepts that will increase the probability of the veterinary technology student's successful completion of the Bachelor's program in Veterinary Technology. The course is designed to familiarize and/or review the following: navigating the online environment, using the SPC online library and the Internet as a research tool, the essentials of writing and grammar, core concepts for writing using American Psychological Association (APA), standards for writing style and referencing, introduction to PowerPoint, and introduction to an electronic portfolio system.

ATE 3200 Safety and Regulatory Compliance in Veterinary Technology 1.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management . This course will introduce and heighten veterinary technician learner's awareness of veterinary specific safety hazards and regulatory compliance issues. The course is designed to acquaint veterinary technician learners to the following: (1) personal safety hazards, (2) patient safety hazards, (3) Human Resource issues related to safety, (4) licenses, permits, and registrations, (5) Occupational and Safety Health Administration (OSHA), and (6) reproductive and gender issues.

ATE 3316 Finance for the Veterinary Manager 3.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management or VETTC-BAS: Veterinary Technology . This course will guide the student in the study of the financial and economic concepts necessary to run a small business with an emphasis on managing cash flow and planning.

ATE 3344 Supervision in the Veterinary Hospital 3.00 Credits

Prerequisite: ATE 3052 and Admission to: VETTC-BAS: Veterinary Technology or VETTC-CT: Veterinary Practice Management . This course will prepare the student to manage the human resource cycle in its entirety in the veterinary hospital including the care of employees while in the organization.

ATE 3410 Dental Techniques in Veterinary Technology 3.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management or VETTC-BAS: Veterinary Technology . This course will focus on learning and applying techniques in preventive care, periodontics, endodontics, orthodontics and dental radiology appropriate for veterinary technicians. The student will acquire knowledge of dental diseases, diagnostic techniques, and therapeutic technique and equipment.

ATE 3510 Understanding the Human-Animal Bond 3.00 Credits

Admission to: BIOLOGY-BS: Biology or VETTC-BAS: Veterinary Technology . This course will focus on human-companion animal interactions. Students will relate to animal-assisted therapy/activity, care and uses of service animals and humane education programs.

ATE 3515 Legal & Ethical Issues in Veterinary Technology 3.00 Credits

Admission to: (VETTC-BAS: Veterinary Technology or VETTC-CT: Veterinary Practice Management and) Prerequisite: ATE 3052 or ATE 3100 . This course is part of the managerial track in the BAS program in veterinary technology. It will give the student an understanding of the legal and ethical aspects of veterinary practice.

ATE 3601 Integrative Veterinary Nursing 3.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management or VETTC-BAS: Veterinary Technology . This course provides an overview of American Veterinary Medical Association (AVMA) recognized alternative and complementary therapies being used in veterinary medicine today. Emphasis will be on exploring the history, philosophy, application and research supporting each selected modality.

ATE 3605 Small Animal Nutrition 3.00 Credits

Admission to: BIOLOGY-BS: Biology or VETTC-BAS: Veterinary Technology . This course provides identification and function of nutrients, understanding of pet food labels, and applications for wellness, life stages, and therapeutic nutrition (prescription foods) for dogs and cats.

ATE 3615 Veterinary Pharmacology 3.00 Credits

Admission to: VETTC-BAS: Veterinary Technology . This course develops the concepts of pharmacology essential in understanding the advanced clinical courses of the baccalaureate program. The veterinary tech will learn both the scientific fundamentals and the practical applications of pharmacology. The course will explore the most commonly used classes of drugs, the applications to each body system and the record keeping responsibilities involved in handling and prescribing medications, including controlled substances. Students will achieve mastery of concepts through completion of exams, written assignments and case studies.

ATE 3616 Small Animal Nursing 3.00 Credits

Prerequisite: ATE 3615 . This course will focus on the nursing care required by companion animals as the result of disease or neonatal, geriatric, and obstetrical needs.

ATE 3617 Companion Animal Diseases 3.00 Credits

Pre or Corequisite: ATE 3615 . This course is designed to provide the student with essential knowledge of the common diseases affecting companion animals. Students will learn the basics of recognizing diseases. Clinical signs, diagnostic tests and appropriate client education will be highlighted. The course will emphasize dogs and cats, but will also include other companion species including birds, ferrets and rodents.

ATE 3658 Anesthesia and Surgical Nursing 3.00 Credits

Prerequisite: ATE 3615 . This course will focus on anesthesia and surgical procedures associated with providing anesthesia and surgical services to veterinary patients, including anesthetic, pre-surgical, surgical, and post-surgical procedures.

ATE 3744 Advanced Veterinary Terminology 1.00 Credits

Permission of the Program: : . This course expands on the basics of terminology introduced in Associate Degree terminology courses. Words for each system of the body will be mastered as well as knowledge of abbreviations used in pharmacology, record keeping and laboratory testing. Students will achieve mastery of concepts through completion of exams and written assignments requiring use of the terminology.

ATE 3803 Teaching Techniques for Veterinary Technicians 3.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management or Permission of the Program: : . This course is designed to provide the student with an introduction to educational concepts and theory relative to effective communication in many veterinary settings. Topics included are development and design of training materials, designing goals and objectives for training materials, client instruction, principles of learning, learning styles and motivation, case-based learning, and using media and software. Emphasis will be on presenting the basic concepts of planning, development and evaluation of presentations and materials.

ATE 3914 Introduction to Veterinary Technology Research 3.00 Credits

Prerequisite: ATE 3052 or (ATE 3100 and ATE 3200 and ATE 3744 and) ATE 3615 . This course is an overview of the role and scope of research as it relates to the formation of veterinary technology knowledge and the application to veterinary technology practice. The focus is on basic strategies, methodology, and the types of research design. Critiquing of current veterinary technology research is included.

ATE 4000 Veterinary Technology Precapstone 3.00 Credits

Prerequisite: ATE 3914 and) Pre or Corequisite: (ATE 4854 or Permission of the Program: :) . This course is designed to prepare the student for successful completion of Veterinary Technology Capstone II. The student will apply knowledge of a professional role in

veterinary technology to develop a capstone project based on education, internship, or research. The student will formulate a plan of study and present his/her plan to a committee for approval.

ATE 4051 Advanced Veterinary Behavior 3.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management or VETTC-BAS: Veterinary Technology . This course will introduce the student to tasks expected of a technician working at a veterinary practice where behavior cases are evaluated. Tasks to include: phone triage, collecting behavioral history, implementing a behavior plan and follow up calls and visits. Animal learning and communication of dogs and cats will be covered as well as basic psychopharmacology. Student projects will include keeping a log of observed animal behavior and designing a behavioral education program.

ATE 4317 Veterinary Hospital Management 3.00 Credits

Admission to: (VETTC-BAS: Veterinary Technology or VETTC-CT: Veterinary Practice Management and) Prerequisite: ATE 3052 or (ATE 3100 and ATE 3200) . This course will give the student an overview of business subjects that will be applicable in any business environment but with particular emphasis in veterinary medicine.

ATE 4319 Veterinary Hospital Marketing 3.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management or VETTC-BAS: Veterinary Technology . This course will give the student an overview of pricing, advertising, product and service positioning, and marketing research methods for the veterinary hospital.

ATE 4711 Emergency and Critical Care 3.00 Credits

Admission to: VETTC-CT: Veterinary Practice Management or Permission of the Program: : . This course will focus on learning and applying emergency and critical care techniques appropriate for veterinary technicians. The student will acquire knowledge of the proper use of drugs, fluids, and equipment for emergency and critical care patients. Students will also learn to evaluate and monitor these patients.

ATE 4814 Veterinary Technology Capstone II 3.00 Credits

Prerequisite: ATE 4000 and ATE 3914 and Permission of the Program: : . This course is an opportunity for the student to apply the skills and knowledge acquired in the program to a chosen professional role through education, internship or research. It must be taken during the student's last semester at the college.

ATE 4850 Communication & Professionalism in Veterinary Nursing 3.00 Credits

Prerequisite: ATE 3052 . Good communication is critical to any veterinary professional's success. There are few things as vital to professional success as the ability to communicate. Even in a profession focused on animals, communicating effectively is vital not only to personal success but for the success of the organization. Good communication skills build client, staff, and community relationships. These skills have been identified as lacking in the profession. ATE 4850, Communication and Professionalism for Veterinary Nurses, targets basic communication skills including verbal and non-verbal communication and active listening. It includes important variables such as generational, gender, and cultural differences and compassionate communications that increase the need for effective communication. This course also focuses on professionalism for the veterinary team taking into account the paradigm shift in that pet owners now view their companion animals as family and have expectations of professional behavior by their veterinary care givers.

ATE 4854 Leadership in Veterinary Technology 3.00 Credits

Prerequisite: ATE 3052 or (ATE 3100 and ATE 3200 and) Admission to: (VETTC-CT: Veterinary Practice Management or VETTC-BAS: Veterinary Technology) . This course focuses on the theories, concepts and principles of leadership. Emphasis will be on the development of leadership skills related to personal behavior, communication, organization and self-examination. This course explores opportunity to develop leadership roles appropriate to the veterinary technology profession.

ATE 4940 Veterinary Technology Capstone Practicum 6.00 Credits

Prerequisite: ATE 3052 and ATE 3515 and ATE 3615 and ATE 4854 . Veterinary Technology Capstone is an applied course which allows the student to utilize the knowledge gained in earlier courses in the curriculum to expand leadership opportunities within the profession. Students will use this opportunity to investigate an area of veterinary technology that is new to them through a

practicum. They will design a professional experience through volunteerism and/or work experience that will consist of a minimum of 80 hours during the semester. The student will create and implement their own learning contract which will define the scope of the practicum. The practicum proposal must be approved by the professor, who will guide the student through the experience. The student will use approved off-campus sites to implement the hands-on portion of the project. Students will employ critical thinking skills by formulating a problem statement that will be the foundation of the practicum experience.

BCH 3023 Elementary Organic and Biological Chemistry 3.00 Credits

Prerequisite: (CHM 2045 and CHM 2045L) and (CHM 2046 and CHM 2046L) . This course is designed to introduce students to principles of organic and biological chemistry, and to provide a foundation for the study of modern biological processes. Topics from organic chemistry will include a study of hydrocarbon structure, stereochemistry and reaction mechanisms. The structure of organic compounds and functional groups will be used to build an understanding of the structure and function of proteins, carbohydrates, lipids and other vital biomolecular compounds. The aim of this course is to provide an understanding of the structure and function of biological molecules and role in metabolism and cellular regulation. Current issues, like the use of synthetically engineered molecules (such as artificial sweeteners and fat substitutes) will be integrated to the core topics. This class supports the mastery of subject area knowledge for College of Education students who will be taking the subject area exam in Biology Education 6-12. The course can also be valuable to students desiring an introduction or review of these concepts prior to undertaking higher-level studies in biology or chemistry.

BCH 4024 Biochemistry 4.00 Credits

Prerequisite: CHM 2211 and PCB 3063 . This course is an introduction to biochemistry and intermediary metabolism. Topics include an overview of chemical interactions in aqueous environments, properties of water, acids, bases, buffers and the laws of thermodynamics. Additional topics include surveys of structure, functional properties, synthesis, degradation and chemistry of the major groups of biologically important organic molecules (amino acids, proteins, carbohydrates, lipids and nucleic acids). Topics include enzyme kinetics and mechanisms of catalysis, a survey of the pathways of carbohydrate, lipid and nitrogen metabolism and their metabolic control, and the role of metabolic pathway integration in physiological homeostasis; regulation of gene expression at the level of DNA, RNA, and protein synthesis. This course will include discussion sessions and problem solving of experimental data that teach interpretation of current biochemical theories and techniques.

BCN 1050 Building Specifications 1.00 Credits

This course is an introduction to the professional written requirements of contracts, plans and specifications which are legal documents governing the construction of buildings. Discussions will include the Uniform Construction Index, data filing systems, data organization and format, Sweet's Catalog Files and Standardized Software.

BCN 1251C Construction Drawing 3.00 Credits

This course is an introduction to the tools and techniques used in producing hand-drafted construction drawings. Emphasis is on residential construction.

BCN 1272 Blueprint Reading 2.00 Credits

This course is an introduction to the reading and interpretation of architectural working drawings. Topics include history of recorded drawings, architectural and structural details, materials, structural, mechanical and electrical systems and related building code requirements. Emphasis is on residential plans.

BCN 1480 Hurricane Resistant Design for Residential Construction 1.00 Credits

This course is an overview of the design and construction of hurricane-resistant structures for contractors and builders. Topics covered will include the impact of recent hurricanes on the construction industry, basic engineering principles (wind loads, shear walls, diaphragms, uplift, overturning, etc.), structural failure, waterproof construction (roofing, storm surge, doors and windows, etc.) and insurance topics. Emphasis will be on new code requirements and construction techniques for residential construction.

BCN 1592 Energy Efficient Building Construction for Florida's Climate 3.00 Credits

Prerequisite: REA 0007 . This is an introductory course to designing and building energy efficient structures for Florida's sub-tropical and tropical climates. This course will investigate strategies, elements and devices that have been used successfully, in both historic and contemporary context, to enhance human comfort with less impact on the environment.

BCN 1593 A Building's Life 2.00 Credits

Prerequisite: REA 0001. This course investigates the ever-evolving lifespan of a building, from the original site, through its construction and use, until its ultimate demolition and memory. The topics include how a building evolves over time, the environmental benefits of renovating an existing structure, and how a building's adaptation over time can be beneficial to the environment.

BCN 1596 Environmental Technology for Building Construction 2.00 Credits

Prerequisite: REA 0007 . This course is an introduction to technological aspects of building design which relate to human comfort and safety and to the efficiency of building performance in consumption of energy.

BCN 1597 An Introduction to Solar Energy in Residential Construction 3.00 Credits

Prerequisite: REA 0001. This course is an introduction to the characteristics of solar energy and the passive and active uses of solar energy in heating and cooling situations in typical, residential construction. The course explores the characteristics of solar energy, its adaptation by the earth's atmosphere, and current and future methods available to harness, control, and best utilize this source of energy. The course emphasizes the potential advantages available in the sustainability of this natural resource. The course will focus on the climate of the southeastern United States.

BCN 1940 Construction Practicum 3.00 Credits

This course is an intensive study in an area of special interest to the students in the Building Arts programs. Students will demonstrate professional competencies in the documentation and completion of an approved, hands-on project that may incorporate multiple aspects of the construction industry, including drawing, estimating, scheduling, permitting and/or construction.

BCN 2052 Masonry Construction Methods 1.00 Credits

This course is a survey of the basic principles and methods used in the construction of concrete block and brick masonry structures. Topics include materials, properties, products, accessories and reinforcing steel used in masonry construction.

BCN 2053 Roofing Systems 1.00 Credits

This course is a survey of roofing systems used in construction. Topics include materials, products, accessories, underlayments, substrates, flashing, code applications and construction methods for membrane, composition shingle, tile, metal and wood roofing systems.

BCN 2054C Construction Surveying Methods 3.00 Credits

Prerequisite: Any college-level math course with a MAC, MAT, MGF, or STA prefix with a minimum grade of "C.". This course is an overview of the basic principles and methods used in surveying as related to building construction, including general surveying principles, site surveys, contours, elevations, building layout, and levels.

BCN 2055 Concrete Construction Methods 1.00 Credits

This course is a survey of the basic principles and methods used in the construction of buildings in which the primary structural system is reinforced concrete.

BCN 2056 Steel Construction Methods 1.00 Credits

This course is a survey of the basic principles and methods used in the construction of buildings in which the primary structural system is steel.

BCN 2068 The A.D.A.: Primer for Contractors 1.00 Credits

This course is an introduction to the requirements of the "Americans with Disabilities Act (ADA)" as it relates to the design of new and the renovation of existing buildings.

BCN 2732 Occupational Safety and Health (OSHA) Standards for the Construction Industry 1.00 Credits

This course is an overview of the Occupational Safety and Health Act (OSHA) and its relationship to the construction industry. Topics include history, general OSHA standards, job safety, health hazards, fire protection and prevention, material storage, handling, use and disposal, and hand and power tools.

BCN 2949 Co-op Work Experience 1.00 - 3.00 Credits

Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. (Note: The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. This course may be taken up to 12 times for a total of 12 credits.)

BCT 1760 Building Codes 2.00 Credits

This course is an introduction to the Florida Building Code and local zoning codes which are laws governing the construction of buildings. Other documents are discussed including: National Electric Code, Life Safety Code, the Standard Building Code, testing agencies, accessibility and governmental agencies which impact on the construction industry.

BCT 1770 Construction Estimating 3.00 Credits

This course is an introduction in computations for labor, materials, equipment, overhead, and profit for residential construction projects. "Take offs" will be made from working drawings.

BCT 1781 Advanced Estimating, Scheduling, and Project Management Tools 3.00 Credits

Prerequisite: BCT 1770 . This course is an in-depth continuation of Construction Estimating, Scheduling and Project Management. Emphasis will be on the use and application of industry leading estimating computer software, such as BuilderTrend, Co-Construct, PROCORE, etc.

BME 1008C Introduction to Biomedical Engineering Technology 3.00 Credits

Students will be introduced to electrical safety testing, patient monitoring, medical treatment devices, and medical imaging. In addition, students will explore and research topics related to medical device history, biomaterials, biomechanics, and biomedical ethics. Students will work on projects in the biomedical engineering technology laboratory using actual medical devices and equipment.

BME 2930 Special Topics in Biomedical Engineering 1.00 Credits

Prerequisite: ETS 1412C and Pre or Corequisite: ETS 2424C . This course is an exploration of current and emerging biomedical engineering technologies that may be encountered in the workplace. It also prepares students interested in pursuing the CBET certification after graduation.

BOT 3015 Plant Biology 3.00 Credits

Prerequisite: BSC 2011 and BSC 2011L and Pre or Corequisite: BOT 3015L . This course explores evolutionary and ecological relationships through the systematics, taxonomy, morphology and physiology of plants, fungi, and autotrophic protists. NOTE: Credit is not given for both (BOT 3015C) and (BOT 3015/BOT 3015L).

BOT 3015L Plant Biology Lab 1.00 Credits

Pre or Corequisite: BOT 3015 . This is a laboratory experience to accompany Plant Biology. The lab will emphasize the systematics, taxonomy, morphology and physiology of plants, fungi, and autotrophic protists. (Note: Credit is only given for BOT 3015C or (BOT 3015/BOT 3015L)).

BOT 3143C Field Botany With Lab 4.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) BSC 2011 and BSC 2011L . This course is a field study of the plants of Florida with emphasis on the methods of plant identification, the characteristics of major plant families, collecting techniques, taxonomic relationships of plant groups, plant ecology and conservation. Labs consist of field trips to local natural areas and will introduce students to the plant species of the region, their habitats, and relations to other species.

BRC 2001 Principles of Financial Services-Banking 3.00 Credits

This course is designed to provide an introduction to financial institutions and the services offered within those institutions. Topics will include principles related to the history, growth, and structure of the financial industry, basic functions of financial institutions, basic skills necessary to perform in financial institutions, security and fraud detection procedures, real estate, and mortgage lending. Banking institutions will be emphasized.

BRC 2062 Introduction to Financial Markets and Money 3.00 Credits

This course examines the characteristics of money, monetary policy, and the Federal Reserve System. Students will further examine the saving and investment process, interest rates, and securities markets.

BRC 3203 Banking Regulation and Compliance 3.00 Credits

Admission to: Banking Subplan. This course introduces the student to the basic laws governing the banking system in the United States with a focus on compliance and documentation. Topics covered include the history of bank regulation and its constitutional basis, evolution of the regulatory scheme, operational obligations, funds transfers, lending, and data security.

BSC 1005 Biological Science 3.00 Credits

Prerequisite: ENC 1101 . This course is an introduction to the essential principles relevant to the biological sciences. Contemporary issues are applied to topics in biology and include the process of science, evolutionary theory, organisms and ecology, cell structure and function, chemistry for biology, diversity of life, and genetic mechanisms. (Note: Credit is only given for (BSC 1005 and BSC 1005L) or BSC 1005C or BSC 2010 or BSC 2011.)

BSC 1005C Biological Sciences with Lab 3.00 Credits

Prerequisite: ENC 1101 . This course introduces the essential principles relevant to the biological sciences through combined lecture and laboratory activities. Contemporary issues are applied to topics in biology and include the process of science, evolutionary theory, organisms and ecology, cell structure and function, basic biological chemistry, diversity of life, and genetic mechanisms. (Note: Credit is only given for (BSC 1005 and BSC 1005L) or BSC 1005C or BSC 2010 or BSC 2011.)

BSC 1005CH Honors Biological Sciences with Lab 3.00 Credits

Prerequisite: (ENC 1101 and Permission of the Program: Honors Program) . This course introduces the essential principles relevant to the biological sciences through independent, hands-on activities. Topics covered include the process of science, evolution, organisms and ecology, cell structure and function, basic biological chemistry, diversity of life, and genetic mechanisms. This course will employ interactive learning and research projects beyond the typical Biology course. The interactive learning may include lab and outdoor activities, and independent projects. Students use critical thinking and conceptual understanding to solve problems throughout the term. (Note: Credit is only given for BSC 1005/1005L or BSC 1005C or BSC 1005CH)

BSC 1083 Human Anatomy 3.00 Credits

Prerequisite: ENC 1101 . This course is a study of the general and specific structural anatomy of the human body. The systems approach is used, examining each major body system in detail. The systems covered include integumentary, skeletal, muscular, nervous, sensory, reproductive, endocrine, cardiovascular, lymphatic, respiratory, digestive, and urinary.

BSC 1084C Essentials of Human Anatomy & Physiology 4.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) or (appropriate scores on the college placement test) . This one semester combined lecture/laboratory course is a study of the general and specific structural anatomy and physiology of the human, including the requisite principles of chemistry that influence homeostasis. The systems approach is used incorporating chemical functions with human structure, from the cell to the entire organism. Each system is presented in sufficient depth to provide a comprehensive understanding of systems for students in the life and health sciences. The systems covered include integumentary, skeletal, muscular, nervous, reproductive, endocrine, cardiovascular, lymphatic, immune, respiratory, digestive, and urinary. This course is not intended for pre-nursing, pharmacy, dentistry, medicine, physician assistant, dental hygiene students or biology majors. Health program director approval is advised for other programs. (Note: This course cannot be substituted for BSC 2085/2085L and/or BSC 2086/2086L and it may not satisfy pre-entry requirements for certain health programs.)

BSC 1930 Biological Issues 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) or appropriate score on the college placement test . This course is designed to allow the student an opportunity to investigate current biological issues of importance to society through lecture and discussion. Issues may include, but are not limited to, methods of science, ethical issues in science, biological impact of environmental change, genes and genomes, biodiversity and evolution, populations, ecology and conservation of species and natural habitats, sociobiology, reproductive strategies, and the biological basis of cancer, AIDS and other diseases.

BSC 2010 Biology I Cellular Processes 3.00 Credits

Prerequisite: (CHM 1025 and CHM 1025L or) (Appropriate passing score on Chemistry placement exam and ENC 1101 and Pre or Corequisite: BSC 2010L) . The biological topics related to cells are studied in detail. These topics include molecular biology, genetics, cell types, cell structure and functions, and evolution. This course is designed for science majors and to prepare the student for Biology II and must be taken in sequence.

BSC 2010L Biology I Cellular Processes Laboratory 1.00 Credits

Pre or Corequisite: BSC 2010 . This is a laboratory experience to accompany Biology I. Laboratory exercises related to cellular biology are studied in detail and include: basic biochemistry, cell structure and function, molecular biology, and genetics.

BSC 2010CH Honors Biology I Cellular Processes with Laboratory 4.00 Credits

Prerequisite: ENC 1101 and CHM 1025 and CHM 1025L or Other: Acceptance into the Honors College . The biological topics related to cells are studied in detail. These topics include cell types, cell structure and functions, cell division, genetics, molecular biology, gametogenesis and biotechnology. This course will employ interactive learning and research projects beyond the typical Biology course. The projects will include a literature review, hypothesis development and the designing and execution of biology-based experiments. The interactive learning will include the presentations of current topics with biology content. Students will demonstrate their understanding without as much guidance by using interactive techniques, critical thinking, and conceptual understanding to solve problems. In this course students will learn the underlying concepts that give them a much deeper understanding of the material. This course is designed for science majors and to prepare the student for Biology II and must be taken in sequence. 92 contact hours.

BSC 2011L Biology II Laboratory 1.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or) (BSC 2010CH and Pre or Corequisite: BSC 2011) . This is a laboratory experience to accompany Biology II. Laboratory exercises related to organisms and their environment are studied in detail and include: ecology, taxonomy, physiology, reproduction, and evolution.

BSC 2011 Biology II Organisms & Ecology 3.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or) (BSC 2010CH and Pre or Corequisite: BSC 2011L) . The biological topics related to organisms and their environment are studied in detail. These topics include taxonomy, systematics, physiology, reproduction, ecology, and evolution.

BSC 2085 Human Anatomy & Physiology I 3.00 Credits

Prerequisite: ENC 1101 and Pre or Corequisite: BSC 2085L . This course is a study of the general and specific structural anatomy and physiology of the human, including the requisite principles of chemistry that influence homeostasis. The systems approach is used incorporating chemical functions with human structure, from the cell to the entire organism. Each system is presented in sufficient depth to provide a comprehensive understanding of systems for students in the life and health sciences. The systems covered include integumentary, skeletal, muscular, and nervous.

BSC 2085L Human Anatomy & Physiology Lab I 1.00 Credits

Pre or Corequisite: BSC 2085 . This is the laboratory component of BSC 2085 which provides opportunities for students to reinforce their knowledge of human anatomy and physiology and learn human anatomy and physiology from a laboratory perspective. The course will use a lab-based systems approach, with an emphasis on integrated structure-function relationships at the cell, tissue, organ and organ systems level. Laboratory component includes studies using microscopy of human and animal tissues, skeletons, models, video film clips and the study of physiological concepts via experimentation or simulations using the metric system. The systems studied include integumentary, skeletal, muscular and nervous

BSC 2086 Human Anatomy & Physiology II 3.00 Credits

Prerequisite: BSC 2085 and BSC 2085L and Pre or Corequisite: BSC 2086L . This course is a continuation of Human Anatomy & Physiology I. This course is a study of the general and specific structural anatomy and physiology of the human, including the requisite principles of chemistry that influence homeostasis. The systems approach is used; incorporating chemical functions with human structure, from the cell to the entire organism. Each system is presented in sufficient depth to provide a comprehensive understanding of systems for students in the life and health sciences. The systems covered include endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary and reproductive.

BSC 2086L Human Anatomy & Physiology Laboratory II 1.00 Credits

Prerequisite: BSC 2085 and BSC 2085L and Pre or Corequisite: BSC 2086 . This is the laboratory component of BSC 2086 which provides opportunities for students to reinforce their knowledge of human anatomy and physiology and learn human anatomy and physiology from a laboratory perspective. The course will use a lab-based systems approach, with an emphasis on integrated structure-function relationships at the organ systems level. Laboratory component includes studies using microscopy of human and animal tissues, models, video film clips and the study of physiological concepts via experimentation or simulations. The systems studied include lymphatic, endocrine, respiratory, digestive, cardiovascular, urinary, reproductive and genetics. 45 contact hours.

BSC 2250C Field Biology of Florida with Lab 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) or (satisfactory score on the SPC Placement Test.) . This course emphasizes field-laboratory recognition and environmental relationships of the plants and animals of Florida. Lectures will emphasize basic ecological concepts while the laboratory experience will emphasize identification of representative forms of life of the various biotic communities of the Florida Suncoast. Natural and artificial biological communities will be visited. Two lecture hours and one three-hour laboratory weekly. Extensive time will be spent outdoors. Students may be expected to provide their own transportation to off-campus locations.

BSC 2362 Tropical Ecology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0018) or (EAP 1695 and MAT 0028) or (appropriate scores on the SPC Placement Test and consent of the instructor, or Program Director approval) . This course emphasizes field recognition and observation of ecological relationships of plants and animals of the New World tropics and associated habitats. Lectures will emphasize basic ecological concepts, such as the niche concept, symbiosis, competition, trophic structure, evolutionary relationships, co-evolution and predation, with field components that will emphasize identification of representative forms of life of various tropical ecosystems in a study country located within the Neotropics. Natural and artificial biological communities will be visited. This course may not be offered every session. Contact a Natural Science Program Director for availability and duration. This course may be repeated with permission of the program director for a total of 9 credits in GPA. Note: Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

BSC 2419C Cell Culture 3.00 Credits

Prerequisite: BSC 2426C or (MCB 2010 and MCB 2010L or MCB 2010CH) or (MCB 3020 and MCB 3020L or MCB 3020C) . This course introduces the skills used in the biotechnology industry for plant and animal cell culture. This course emphasizes hands on training in the principles and practices of cultivation, maintenance and preservation of established cell lines including implementation of these practices in project design and management.

BSC 2420 Introduction to Biotechnology 3.00 Credits

Prerequisite: ENC 1101 . This lecture course serves as an introduction to the concepts, infrastructure and a survey of the multiple disciplines within the biotechnology industry. The major areas of biotechnology that will be covered include molecular biology, nucleic acid purification, recombinant DNA technology, protein biochemistry, forensics and use of animal and plant models in agricultural, marine, bioredmediation and biomedical applications. Emphasis will also be placed on ethics and regulations within the specified disciplines as well as current topics and local job opportunities.

BSC 2426C Biotechnology Methods I 4.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) Pre or Corequisite: BSC 2420 . This laboratory course is designed to provide extensive hands-on application of standard biotechnology laboratory techniques. This is the first of two sequential Biotechnology laboratory courses. The primary focus of this course is basic molecular biology concepts and techniques. Practical, hands-on instruction will provide students with basic skills preparing them for job placement as an entry level laboratory technician. These skills include, but are not limited to: following and developing standard operating protocols, keeping accurate lab and management records, following state/national laboratory safety procedures and implementing laboratory-relevant mathematics used in routine chemical preparation, experimental procedures and data analysis. Laboratory techniques will focus on the extraction and manipulation of nucleic acids including industry-relevant applications of recombinant DNA technology. Proficiency in use of commonly used biotechnology lab equipment and data analysis instrumentation will also be emphasized.

BSC 2427C Biotechnology Methods II 4.00 Credits

Prerequisite: BSC 2426C . This laboratory course is designed to provide extensive hands on application of standard protein biotechnology laboratory techniques. This is the second of two sequential Biotechnology laboratory courses. The primary focus of this course is basic protein biochemistry concepts and techniques. Practical, hands-on instruction will provide students with basic skills preparing them for job placement as an entry level laboratory technician. These skills include but are not limited to following and developing standard operating protocols, keeping accurate lab and management records, following state/national laboratory safety procedures and implementing laboratory-relevant mathematics used in routine chemical preparation, experimental procedures and data analysis. Laboratory techniques will focus on protein structure, isolation, purification and characterization. Experimentation areas will focus on immunobiological assays, including the use of monoclonal and polyclonal antibodies in western blotting and antigen detection assays. Protein separation, analysis and interactions will also be addressed. Proficiency in use of common biotechnology lab equipment and data analysis instrumentation will also be emphasized.

BSC 2435 Introduction to Bioinformatics 3.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) Pre or Corequisite: BSC 2420 and PCB 2061C . Students will gain hands on experience in performing bioinformatics analysis using both nucleic acids and protein sequences. Use of open source software and publicly available databases such as NCBI will be demonstrated and conceptual understanding of associated algorithms and statistics will be applied to resulting data analysis. Specific topics to be covered include file formatting and management; retrieval, submission, and alignment of sequences using the most current tools; gene expression; phylogenetics; and primary literature searches. This is not a programming course. This course is designed to be taught in a blended or on-line modality.

BSC 2461 Introduction to Biotechnology Model Systems 3.00 Credits

Prerequisite: BSC 2010 and BSC 2010L or BSC 2010CH . This course introduces the concept of biological model systems in regards to their application to current methods in biotechnology. This course will examine several model organisms with particular emphasis on their limitations and strengths as research systems. This course will also examine strategies of human disease modeling. The discussions of human disease models will include emphasize both the power and limitations of using simple organisms to analyze human disease and an introduction to human physiology. Readings from the primary literature will highlight the historical and current importance of model organisms to current biotechnology applications.

BSC 2847 Scientific Communication for Biotechnology 2.00 Credits

Prerequisite: ENC 1101 . This course is designed to teach AS Biotechnology students the different forms of scientific communication including, but not limited to, technical writing, research publication, grant proposal, poster presentation, oral communication, compiling and analyzing data, generating figures and tables, incorporating basic statistical analyses in scientific writing, and reading/interpreting scientific literature. Assessments will emphasize practice vs. theory.

BSC 2910 Directed Independent Research 1.00 - 3.00 Credits

Other: Approval of Academic Chair and Dean of Natural Sciences. Students (individually or in a group) design, conduct, analyze and present biological research that is proposed by the student. A full-time professor will provide supervision and guidance. The course is intended to help students acquire skills in applying research principles and obtain practice in data collection and reporting. The research project is recommended by a full-time faculty member to the Academic Chair. Upon approval by the Academic Chair, the proposal is forwarded to the Dean, Natural Sciences for approval. (Note: This course may be taken up to 6 times for a total of 6 credit hours.)

BSC 2931 Biotechnology Capstone 1.00 Credits

Prerequisite: Completion of core courses in BIOT-AS program. and Other: Permission of the Program. This course integrates principles, theories, and methods learned in prior courses in biotechnology. The course is designed to promote exposure to real-world experience through completion of group project(s) having a professional focus. Students in this course will prepare for an internship program and complete all necessary Proficiency Badges as required by their faculty advisor. This course will also present opportunities for discussion with faculty and students regarding current biotechnology research and bio-ethical concerns.

BSC 2940 Biology Internship 1.00 - 3.00 Credits

Permission of the Program: : . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations.

BSC 3017 Theory And Practice In The Biological Sciences 2.00 Credits

Prerequisite: BSC 2011 and BSC 2011L . This course is designed to provide a rigorous look at the process of biologically relevant scientific inquiry. Students will investigate formulation of scientific hypotheses, experimental design, collection of data, and dissemination of results. In-depth understanding and use of scientific literature will be developed and applied to both written and verbal communication exercises. This course will include challenges faced by scientists including scientific bias, dissemination to general public and incorporation of scientific discoveries into policy. (Note: It is recommended that this course be taken the first semester within the BS Biology program.)

BSC 3052 Conservation Biology 3.00 Credits

Prerequisite: PCB 3043 and PCB 3043L . This course is designed to teach the conceptual foundations of conservation biology, including the value of biodiversity and trends in global biodiversity. We will also explore the threats and challenges to conserving earth's biodiversity. One of the aims is to correlate concepts from ecology and evolutionary biology to the field of conservation biology. This course will explore the wide variety of approaches used in solving problems in conservation biology and the interrelationships between conservation, human societies and public policy. (Note: STA 2023 is strongly recommended.)

BSC 3096C Human Biology 4.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) BSC 2011 and BSC 2011L . This course is a study of the main themes of biology from the perspective of the human organism's structure, function, health and wellness, and interactions with the social and physical environment. Students will explore the chemistry of life, cell structure and function, organization and regulation of body systems, patterns of chromosome inheritance, DNA biology and technology, human evolution, ecology and nature of ecosystems, and human interactions with the biosphere. An integrated laboratory component will stress the importance of evidence, observations, experimentation, logic, and argument, and provide students with the knowledge and skills necessary for conducting demonstrations and laboratory investigations in the middle school setting. This course addresses specific Florida Department of Education science standards as well as the pedagogy pertinent to middle grades general science and required for teacher certification.

BSC 3312C Marine Biology with Lab 4.00 Credits

Prerequisite: BSC 2011 and BSC 2011L . The major emphasis of this course focuses on the evolution, biodiversity and classification of organisms in the marine environment, including characteristics and systematics of each taxonomic group. Discussion of major habitats in the marine environment will include physical characteristics of the environment and the unique morphological, physiological, ecological and behavioral adaptations of organisms to those habitats. This course is a combined lecture and lab class.

BSC 3931 Special Topics in Biology 1.00 - 3.00 Credits

Permission of the Program: : . Prerequisites may vary according to topic. This course is an open format course designed to address the needs and interests of the students as well as provide an opportunity to focus on current biological science topics. Topics may vary from semester to semester but will be limited to a lecture or seminar series format. (Note: This course may be repeated for up to 9 credits towards major requirements. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

BSC 3931L Special Topics in Biology Lab 1.00 - 2.00 Credits

Permission of the Program: : . Prerequisites may vary according to topic. This course is an open format lab course designed to address the needs and interests of the students as well as provide an opportunity to focus on current biological science techniques. Topics may vary from semester to semester but will be limited to a laboratory or field study format. (Note: This course may be taken for a total of 4 credits towards major requirements. Prerequisites may vary according to topic. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

BSC 3932 Scientific Communication 2.00 Credits

Prerequisite: ENC 1101 and (BSC 2010 and BSC 2010L or BSC 2010CH) Or (BSC 2011 and BSC 2011L) . This course is designed to teach biology students the different forms of scientific communication including, but not limited to, technical writing, publication, grant proposal, oral communication and reading scientific literature. Assessments will emphasize practice vs. theory.

BSC 4032 Issues & Challenges in Science Education 2.00 Credits

Admission to: MGSED-BS: Middle Grades General Science Education (5-9) or BSCED-BS: Science Teacher Education Biology Teacher Education (6-12) . This course is designed to address the challenge of transforming Florida State Standards into a cohesive plan for instruction in middle school and secondary science classrooms. Activities in this course will strengthen the student's ability to plan for scaffolding and articulation of content lessons and student activities and assessment. Topics addressed include the history of science curriculum reform, the impact of public policy on teaching and assessment, and instructional strategies that promote high student achievement. Students will explore the use of controversy in the classroom as a means of increasing engagement and interest in the classroom. This course addresses specific pedagogy pertinent to science education and required for certification.

BSC 4422C Methods and Applications in Biotechnology 4.00 Credits

Prerequisite: PCB 3063 and PCB 3063L . MCB 3020C or PCB 3023C are recommended. This course focuses on the techniques and applications of biotechnology. Biotechnology refers to utilization and manipulation of biological systems with the intent to solve global and societal problems. Emphasis will be placed on understanding the role of the biotechnology industry and application of concepts and techniques central to biotech laboratory research. The major areas of biotechnology that will be covered are as follows: 1) Discovery, development and use of recombinant DNA technology. 2) Industry and government regulations on biotech as well as ethical issues surrounding the field. 3) Major branches of the biotechnology industry including forensics, bioinformatics, pharmaceutical/medical, agricultural, environmental and sustainable energy biotechnology. These topics will be covered in context of a clear knowledge of cellular systems, genetics and ecology as well as with rigorous application of the scientific method. This includes careful analysis of the costs and benefits of modern technology on the economy, society and the environment. (Note: This course is a combined lecture and lab class.)

BSC 4905C Undergraduate Research in Biology 1.00 - 3.00 Credits

Prerequisite: BSC 3017 and Permission of the Program: : . This course is an individualized independent study whereby the student participates in ongoing biological research or designs, conducts, analyzes and presents biological research that is proposed by the student. The professor will provide advanced learning resources and guidance. The student will also meet regularly with the professor who will coordinate the research. The number of credits is variable and will be determined in the following manner: 1 credits requires 30 contact hours of participating in ongoing research mentored by faculty sponsor, 2 credits requires 60 contact

hours and requires student to design and conduct research on a project designed by the student and approved by the faculty sponsor, 3 credit requires 90 contact hours and requires the student to conduct, analyze and present research proposed by the student with their faculty advisor and a department approved faculty committee. This course may be repeated three times for up to 6 credits total to be applied to the Biology major. (Note: Students and faculty mentors will be required to complete an application package for the type of credit requested which will be submitted and approved by the department prior to enrollment).

BSC 4931 Senior Seminar in Biology 1.00 Credits

Permission of the Program: : . This course is designed to provide transition for biology students as they complete their Bachelor degrees and plan to enter the workforce and/or graduate or professional schools. Students in this course will present a compilation of research projects developed throughout their program of study. This course will also present opportunities for discussion with biology faculty and students regarding current biological research and bio-ethical concerns.

BSC 4940 Internship in Biological Sciences 1.00 - 3.00 Credits

Permission of the Program: : Prerequisite: And (BSC 3017) . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations. (Note: This course may be taken up to 6 times for a total of 6 credits.)

BUL 2131 Legal Environment of Business 3.00 Credits

This course is designed to give the student an understanding of the historical bases for the formation of both statutory and administrative laws and their impact upon the business community. This will be accomplished by including such topics as the structure of the American legal system, alternate dispute resolution, constitutional law, administrative law, criminal and civil liability, consumer protection, creditor's rights and bankruptcy, employment regulations, securities and antitrust regulations, intellectual property law, contracts, business organizations, environmental and property laws, ethics, and the legal environment of international trade.

BUL 2241 Business Law I 3.00 Credits

This course introduces students to the legal building blocks for critical business decision making. Students will not only learn the basics of the legal system but will also learn how contracts are created and enforced. Students will delve into constitutional law, principal agent relationships, tort law, government regulation and sustainability issues. Students will obtain the tools for choosing the correct business entity.

BUL 2242 Business Law II 3.00 Credits

Prerequisite: BUL 2241 or BUL 2131 . This course is the next step for any student planning a business or legal career. Business Law II builds on the knowledge students obtained in Business Law I (BUL 2141) and Legal Environment of Business (BUL 2131), providing students with even more tools for critical business decision making. Students will not only dive deeper into the principles of business organizations, but will also learn the importance and value of negotiable instruments, commercial paper and secured transactions. The student will examine principles of insurance law, and employment and labor law as well as wills, estates and trusts. 47 contact hours.

BUL 3320 Law and Business 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or LEGAL-BAS: Paralegal Studies or EDST-BS: Educational Studies and Community Leadership . This course examines the formulation, interpretation, and application of law to business. Covered are the major areas of legal regulation to which businesses are subject, including tort liability, contract law, Uniform Commercial Code, partnership and corporate law, employment and labor law, intellectual property law, environmental regulation and sustainability, and financial regulation. Emphasis is placed on active, experiential application of legal reasoning and analysis and on the global and comparative dimensions of legal and ethical issues. (Note: This course replaces BUL 3310 and 3130). Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

BUL 3322 Legal Issues in International Business 3.00 Credits

Prerequisite: BUL 2131 or BUL 2241 and Admission to: BUS-BS: Business Administration . This course gives the international business student an overview of the legal concepts affecting individuals and/or organizations that are involved in international business. The student will be exposed to a broad survey of legal issues multi-national businesses confront in the international market place, including treaty and convention benefits and limitations, differing legal regimes, international dispute resolution processes, principles of jurisdiction, international contract interpretation and implementation, monetary policies and laws as they relate to commerce, global information systems and intellectual property regulations, and international social and ethical issues affecting businesses and their operations.

BUL 3564 Legal Aspects of Managing Technology 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management or LEGAL-BAS: Paralegal Studies . This course is designed to give the computer and information technology student a foundation for analyzing and addressing evolving legal issues involving technology, E-commerce and other online environments. Topics include jurisdiction, intellectual property, online contracting, security, privacy, importing and exporting technology, and civil and criminal liability.

BUL 3583 Legal Aspects of Sustainability 3.00 Credits

Prerequisite: (BUL 2241 or BUL 2131 or EVR 1858) Admission to: And (SUSMGT-BAS: Sustainability Management or LEGAL-BAS: Paralegal Studies or MGTORG-BAS: Management and Organizational Leadership or PPA-BS: Public Policy and Administration) . This course is intended to provide an overview of concepts and laws within the area of sustainability and environmental law. Topics covered include the history and foundations of sustainability and environmental law and the main laws and regulations surrounding sustainability and the protection of our environment. While learning about the international and national impact of the Kyoto Protocol, environmental laws and regulations, emerging sustainability laws and regulations, the affect of existing laws on the sustainability industry, and SEC industry regulations, the student will understand the relation of law to informed sustainable business decision making and practices.

CAP 2134 Database Security 3.00 Credits

Prerequisite: CTS 1120 . This course is designed to provide the student with an understanding of database security concepts and practices. The objective of the course is to provide hands-on instruction in various database tasks that relate to securing the confidentiality, integrity and availability of information that is stored in a database. The student will be able to perform administrative tasks in different database management systems, as well as manage database user profiles, privileges, and roles. Different database application security models will be explored, as will the security advantages of utilizing virtual private databases. Finally, the process of database auditing will be explored, including auditing methods using various database management systems.

CAP 2762 Introduction to Data Mining 3.00 Credits

Prerequisite: (CTS 2450) . This course prepares students for the application of selected data mining methods, which are used for the retrieval and extraction of relevant and potentially useful information or patterns, stored in large databases, data warehouses, and other sources of information.

CAP 2940 Data Science Internship 3.00 Credits

Permission of the Program. This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations. (Note: The student must fulfill the requirement of 180 on-the-job hours in addition to written assignments.)

CAP 4770 Principles of Data Mining 3.00 Credits

Prerequisite: ISM 4545 . This course spans all major data mining techniques including classification, clustering, and pattern mining (association rules). Topics covered include: predictive modeling, association analysis, clustering, anomaly detection and visualization.

CAP 4773 Projects in Data Science 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management and Prerequisite: STA 2023 and ISM 4545 and ISM 4547 and CTS 4454 and CAP 4770 . This course integrates data science knowledge, skills, and abilities learned in the data science program through the completion of a comprehensive capstone project. This capstone course must be taken in the last semester of the program.

CCJ 1020 Introduction to Criminal Justice 3.00 Credits

This course is an introduction to the philosophical and historical background of the United States Criminal Justice System. Discussed are the organization, operation and processes of the justice system and its components including police, courts and corrections. Students will identify and discuss contemporary challenges and opportunities in the law enforcement and correctional fields.

CCJ 1512 Gangs and Terrorism 3.00 Credits

This course introduces the student to the interrelationship of gangs, drug trafficking, conspiracy, and terrorism. The course is designed to provide the student with knowledge of legal elements of a criminal conspiracy to include terrorism operations, drug interdiction, and gang organizations.

CCJ 2509 Introduction to Gangs and Crime 3.00 Credits

This course provides students with an overview of street gangs, the social factors, and the general classifications necessary for the law enforcement, corrections, and public safety professional. This course explores the history, membership, activity, current trends, and influence of street gangs. Students will be challenged to define community-based solutions, and strategies to combat the criminal activity associated with street gangs.

CCJ 2720 Intro to Research Methods in Criminology 3.00 Credits

Prerequisite: CCJ 1020 . This introductory course will examine research strategies, data collection, and data analysis in the investigation of questions which arise in criminology and criminal justice. Particular focus will be placed on understanding the role, theory, and functions of the research process for criminal justice professionals. (Note: This course changed from CCJ 2704 to CCJ 2720.)

CCJ 3075 Introduction to Cybercrime 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course presents an introduction to computer crime through an examination of the acts and theories of cybercrime, cyberterrorism, and information warfare. It also analyzes the individuals who commit cybercrimes, as well as the specific laws, investigative techniques, and criminological theories applicable to computer crime. Topics include the various types of crimes and terrorist acts committed using computer technology, theories addressing hackers and other digital criminals, and the investigative, research, and legal strategies targeting these acts. Finally, the course examines the unique technical issues that arise during investigations of cybercrime.

CEN 2211 Programming for Embedded Devices 3.00 Credits

Prerequisite: (COP 2362 or COP 2251) . This course teaches the principles of programming Embedded Devices using a computer programming language. The student will utilize fundamental programming concepts and systematic design techniques to control open source hardware for building digital devices that can sense, share and control the physical world around them.

CEN 2212 Introduction to Programming the IoT 3.00 Credits

Prerequisite: CEN 2211 . This course teaches the principles of programming Internet of Things devices using a computer programming language. The student will utilize fundamental programming concepts and systematic design techniques to control open source hardware for building digital devices that can sense, share, and control the physical world around them.

CEN 2932 Emerging Topics in Software Engineering Technologies 3.00 Credits

Prerequisite: COP 2251 and COP 2362 . This course will examine emerging technologies. Emphasis is placed on exposure to technologies relating to software engineering, providing hands-on applications, and discussion of practical implications of these emerging fields.

CEN 2940 Cloud Computing Internship 3.00 Credits

Permission of the Program: : . The purpose of this course is to allow students a "real world" experience with major-related, supervised, evaluated practical work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. The student must fulfill the requirement of 180 on-the-job hours in addition to written assignments. Internships are to be unique to each discipline.

CEN 3088 Software Security 3.00 Credits

Prerequisite: (ISM 4323) . This course covers the foundations of software security, discussing threats, vulnerabilities and attacks that exploit them. Prevention and mitigation technologies will be covered. From threat modeling, to building security in design, to penetration technologies, and others. Emphasis will be given on addressing security at respective stages of the software development cycle, including security assessment.

CEN 4031 Advanced Program Development Frameworks 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management and Prerequisite: COP 3035 . This course will provide the student with the skills to apply the Software Development Life Cycle (SDLC) to developing a business programming application. The student will implement advanced programming techniques using appropriate algorithms, programming concepts and tools. The course also provides the student with the necessary computing theories to produce software applications from design documents.

CEN 4078 Software Assurance and Security 3.00 Credits

Prerequisite: (CEN 3088) . This course focuses on the issues and challenges that software developers must address in order to develop and deploy secure software systems. It explains how common software security flaws and vulnerabilities can be minimized by using secure coding techniques, tools, and methods. The course also covers software security testing and auditing to ensure that code is resistant to attack.

CEN 4722 Human Computer Interfaces 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management and Prerequisite: ISM 3232 . This course will provide the student the necessary elements in understanding and integrating Human Computer Interaction (HCI) into the area of information technology. The student will learn user-centered methodologies in the design, development, evaluation, and employment of application and system software.

CET 1114C Digital Fundamentals with Lab 4.00 Credits

Prerequisite: EET 1084C . This course will cover number systems, codes, logic gates, Boolean algebra, logic simplification and combinational logic. The areas of coverage will also include the study of the theory, concepts, and circuits of digital electronics including decoders, encoders, multiplexers, flip flops, counters, and registers used in the applications of combinational and sequential logic. The laboratory exercises cover the measurement and analysis of digital circuits and devices.

CET 1171C Computer Repair Essentials 3.00 Credits

This course is designed to teach the student basic technical skills needed to understand the function and operation of major elements of personal computer systems, and how to localize and correct common hardware problems. Students will acquire hands-on experience with Personal Computer (PC) systems. The course will focus on broad concepts and diagnostic tools which allow the student to determine the condition of a PC system and how to best correct a fault. Special emphasis will be placed on how systems are configured, modified, and expanded to meet new requirements. Various software tools will be used to diagnose PC problems. This course prepares students for the hardware portion of the CompTIA A+ Certification exams. (Note: Credit is only given for CET 1171C or CJE 1661).

CET 1172C Computer Support Technician 3.00 Credits

Prerequisite: CET 1171C . This course is designed to teach the student basic technical skills needed to understand the function and operation of major elements of personal computer operating system software, and how to localize and correct common software problems. Using current versions, the student will install, maintain, optimize, and troubleshoot operating system software, configure and maintain network settings, configure network resources, and configure and maintain personal computer security.

The student will formulate disaster recovery procedures in the event of system failure and implement them as instructed. The student will also install and troubleshoot computer peripherals. This course prepares students for the software portion of the CompTIA A+ Certification exams. (Note: Credit is only given for CET 1172C or CJE 1666).

CET 1175C Medical Software and Troubleshooting 2.00 Credits

This course teaches computer applications for technical support staff in a health care setting. Students become familiar with databases, spreadsheets, technical drawings, and project organization as they apply to various technical projects relative to the clinical engineering department. Students will also explore specific databases used in the documentation of medical device technology management. Includes needs analysis, process documentation troubleshooting computer problems, customer service fundamentals and training end users.

CET 1600 Introduction to Networks 3.00 Credits

This is the first of three courses designed to provide students with classroom and laboratory experience to achieve professional certification as a Cisco Certified Network Associate (CCNA). This course introduces the architecture, structure, media, components, principles of Internet Protocol (IP) addressing, and fundamentals of Ethernet. By the end of the course, students will be able to build simple local area networks (LANs), perform basic router and switch configuration, and implement basic IP addressing.

CET 1610 Switching, Routing, and Wireless Essentials 3.00 Credits

Prerequisite: CET 1600 or CCNA certification . This is the second of three courses designed to provide students with classroom and laboratory experience to achieve professional certification as a Cisco Certified Network Associate (CCNA). Students will apply the fundamentals of switching and routing. Instruction includes virtual local area networks (VLANs), VLAN trunking, inter-VLAN routing, spanning tree protocol (STP) and Etherchannel, first hop redundancy protocols (FHRPs), dynamic host configuration protocol (DHCP), wireless LAN (WLAN) concepts, and static routing.

CET 2615 Enterprise Networking, Security, and Automation 3.00 Credits

Prerequisite: CET 1610 or Other: CCNA certification . This is the last of three courses designed to provide students with classroom and laboratory experience to achieve professional certification as a Cisco Certified Network Associate (CCNA). The focus of this course is on the operations of routers and switches in larger, more complex networks. Instruction includes dynamic routing protocols, access list (ACL) design and implementation, network address translation (NAT), virtual private networks (VPNs), network operations monitoring, and network automation.

CET 2620 Enterprise Advanced Routing and Services 3.00 Credits

Prerequisite: CET 2615 or Other: CCNA certification . This course is designed to provide students with classroom and laboratory experience to achieve professional certification as a Cisco Certified Specialist. Instruction includes implementation and troubleshooting of advanced routing protocols and technologies, such as Enhanced Interior Gateway Routing Protocol (EIGRP), Open Shortest Path First (OSPF), load balancing, route redistribution, route filtering, policy based routing, Border Gateway Protocol (BGP), and infrastructure security.

CET 2670 Enterprise Network Core Technologies 3.00 Credits

Prerequisite: CET 2615 or CCNA certification . This is the first of two courses designed to provide students with classroom and laboratory experience to achieve professional certification as a Cisco Certified Network Professional (CCNP). The focus of this course is on the operations of routers and switches in larger, more complex networks. Instruction includes Multiple Spanning Tree Protocol (MSTP), virtual local area network (VLAN) trunks and EtherChannel, advanced Enhanced Interior Gateway Routing Protocol (EIGRP), multi-area Open Shortest Path First (OSPF), Border Gateway Protocol (BGP), multicast, and first hop redundancy protocols (FHRPs).

CET 2682 Fundamentals of Voice Over IP (VoIP) 3.00 Credits

Prerequisite: CCNA certification or CET 2620 . Instruction includes, but is not limited to, Voice over Internet Protocol (VoIP) theory, Voice Gateway configuration in a IP Telephony (IPT) solution, IP Phone configuration, design of VoIP networks and troubleshooting IPT networks. Students will design and configure various VoIP networks using case studies and laboratory equipment.

CET 2685 Implementing Cisco Network Security 3.00 Credits

Prerequisite: CET 2615 or CCNA certification . This course is designed to provide students with classroom and laboratory experience to achieve professional certification as a Cisco Certified Specialist. Instruction includes identifying hacking methods and network security threats, device hardening, event logging, authentication, authorization, and accounting (AAA), Intrusion Prevention Systems (IPS), cryptography, Virtual Private Networks (VPNs), Internet Protocol Security (IPSec), and integration of hardware firewalls.

CET 2691 Laws & Legal Aspects of IT Security 3.00 Credits

This course provides students with an overview of legal issues common to computer security. These issues fall within the parameters of privacy, intellectual property, computer crime investigation for network breaches, civil liability, and the ethical considerations of the Information Technology (IT) professional focused on network security. The course will seek to expand on all matters of law that may be included on any network security certification exam, but also covers the economic impact that security breaches have on industry sectors and the business response required. Coursework will include reviewing fact patterns applied to legal and ethical authorities.

CET 2856 Implementing CISCO IP Switched Networks (SWITCH) 3.00 Credits

Prerequisite: CET 2620 or CCNA certification . This course is designed to provide students with advanced classroom experience in Local Area Network (LAN) and Wide Area Network (WAN) switching. Instruction includes, but is not limited to, Virtual Local Area Network configuration (VLAN), VLAN Trunking Protocol (VTP), VLAN Pruning, Spanning Tree Protocol (STP), routing between VLANs, multi-layer switch operations, Hot Standby Routing Protocol (HSRP), restricting network access with switching security techniques, installing Access Control Lists (ACLs) on switches, wireless technology applications with switches, configuring Quality of Service (QoS) on switches, and Voice Over Internet Protocol (VoIP) integration. Students will install, configure, and operate complex-routed LAN and WAN switching networks.

CGS 1070 Basic Computer and Information Literacy 1.00 Credits

This course is designed to develop computer competencies and literacy. It introduces general computer operations using current computing technologies and data storage techniques. An introduction to a word processing and a spreadsheet program is included. Further, the course will introduce students to the core concepts of computer literacy and essential techniques for locating, analyzing, organizing and presenting information. The course also provides strategies for using a variety of electronic resources while emphasizing internet ethics and security.

CGS 1075 Computer Science A (3,4,5) 3.00 Credits

AP Scores

CGS 1076 Computer Science AB (3,4,5) 3.00 Credits

AP Scores

CGS 1077 CLEP Information Systems and Computer Applications 3.00 Credits

CLEP Score

CGS 1100 Computer Applications 3.00 Credits

This course is an introduction to fundamental concepts utilizing a computer as the tool. Contemporary projects are produced through the use of integrated applications software. Selected topics include the Internet, operating systems, and creating and evaluating documents, worksheets, and presentations. Guidelines for selecting computer hardware and software are addressed. Satisfactory completion of this course meets the Computer and Information Literacy graduation requirement.

CGS 1200C Web Assistive Technologies 3.00 Credits

Prerequisite: (CGS 1831) . This course is designed to introduce an experienced computer user to the understanding of assistive technologies and technology applications that improve usability of web-based content by following industry guideline standards.

CGS 1301 Introduction to Information Systems 3.00 Credits

Prerequisite: CGS 1100 . This course is designed to provide students with a framework to understand the role of Information Technology (IT) in business enterprises. The student will be introduced to IT and IT terminology and will be required to understand the business implications thereof. Real world examples including case studies, practical exercises, business models and research assignments will help the student comprehend the use of IT in the formulation of business strategies.

CGS 1309 Computer and Information Technology Concepts 3.00 Credits

A survey problem solving course which deals with subjects related to varied computer and information technology topics. A broad range of conceptual and practical subjects in IT are covered. An overview of the IT field, detailed information about some specialties to include Computer Support, Cybersecurity, Networking, Programming, and Web Development. This course satisfies SPC's computer competency requirement (effective Fall 2017).

CGS 1515 Spreadsheet Techniques and Programming 3.00 Credits

Prerequisite: COP 1000 or CGS 1100 . Program strongly recommends completion of General Education Math requirement prior to taking CGS 1515. This course will provide students with hands-on experience and skills with a spreadsheet. Students will learn the various functions and commands of the spreadsheet as well as how to plan, create, and program spreadsheets for common business applications. It is appropriate for accounting and business majors, programmers and spreadsheet application developers.

CGS 1545 Database Techniques 3.00 Credits

Prerequisite: COP 1000 or CGS 1100 . This course will provide students with hands-on experience in creating and maintaining a relational database application. Students will learn the various functions and commands of the database as well as how to plan, normalize, create, use, and program fully relational databases for common business applications. Students will learn relational database theory and design, formal naming conventions, and database programming techniques.

CGS 1560 Computer Operating Systems 3.00 Credits

Prerequisite: COP 1000 or CGS 1100 . This course is designed to make the student proficient in microcomputer operating systems. Major topics include disk and file management, system configurations, menu driven processing and graphical user interfaces.

CGS 1821 Web Graphics 3.00 Credits

Prerequisite: CGS 1831 . This course explores design considerations involved when using graphics on the web. Topics include industry standard programs, file formats, and platform/browser issues. Students will learn how to create and manipulate graphics. Participants will also learn how to create background tiles, graphical rules, bullets and buttons. Several different software programs are used throughout the course.

CGS 1831 Web Foundations/Essentials 3.00 Credits

Prerequisite: CGS 1070 or CGS 1100 or COP 1000 or CGS 1309 or Other: Computer Competency met. . This course is designed to introduce an experienced computer user to the tools necessary to be an effective designer and/or developer for the Web, and is the foundation class for the Web Development Program. The student will gain the skills necessary to develop and maintain complex Web sites, including a fundamental understanding of the protocols and vocabulary of web production in addition to client-server dynamics. Topics covered will include HTML, Cascading Style Sheets (CSS) and forms.

CGS 1874 Interactive Web Media Tools 3.00 Credits

Prerequisite: CGS 1831 . This is a survey course designed to introduce the concepts of web-based multimedia. Students will be exposed to different areas of multimedia techniques used in web environments. Students will have the opportunity to learn how to produce multimedia objects, manipulate the environment for optimization and create web interfaces using a content management system. They will learn to combine media components into web environments.

CGS 2651 Social Media and Web Technologies 3.00 Credits

Prerequisite: CGS 1100 or COP 1000 or CGS 1309 or CGS 1070 . This course is designed to teach students how to interact using shared collaboratively communication tools and resources. Students will learn how to identify and apply Web based social

collaboration technologies for business and personal use. Major topics covered include; identifying the differences between Web 1.0 2.0, 3.0, reviewing collaboration software (DropBox, Google Docs, Sharepoint), communicating using social media sites (Twitter, Facebook, LinkedIn, FourSquare, Tumblr), organizing and applying web syndication to online data.

CGS 2811 Incident Response & Disaster Recovery 3.00 Credits

Prerequisite: CTS 1120 . This course is designed to provide the student with an understanding of the concepts and practices of contingency operations, including the administration of the planning process for incident response, disaster recovery, and business continuity planning. Topics include organizational readiness planning, the phases of incident response, different contingency strategies, tasks related to the preparation, implementation, operations, and maintenance of disaster recovery, and business continuity.

CGS 2823 Advanced Web Site Development 3.00 Credits

Prerequisite: CGS 1831 . This course builds upon skills learned in CGS 1831. The student will learn how to plan, develop, and implement a responsive website. Students will utilize tools for evaluating, tracking, and maintaining a website.

CGS 2940 Web Development Internship 3.00 Credits

Permission of the Program: : . The purpose of this course is to allow students a real world experience with major-related, supervised, evaluated practical work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. (Note: The student must fulfill the requirement of 180 on-the-job hours in addition to written assignments).

CHM 1025 Introductory Chemistry 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 or EAP 1695 and) (MAT 1033 or MAC 1105 and) Pre or Corequisite: CHM 1025L . This introductory course is a presentation of modern chemistry concepts, periodicity and atomic structure, states of matter, chemical formulas and nomenclature, chemical reactions, chemical calculations, and solutions. (Note: This course will prepare students for General Chemistry I but is not designed for credit toward a major in chemistry and may not be taken for credit subsequent to receiving a grade of "C" or better in CHM 2045, CHM 2045L or CHM 2046, CHM 2046L.)

CHM 1025L Introductory Chemistry Lab 1.00 Credits

Pre or Corequisite: CHM 1025 . This introductory chemistry lab course includes experiments involving mass, volume, the nature of substances, density, solubility, graphing, dimensional analysis, empirical formulas, titration, reactions, gas laws, and solutions.

CHM 2045 General Chemistry I 3.00 Credits

Prerequisite: (CHM 1025 and CHM 1025L or) One year of high school chemistry with grades of "C" or better and a raw score of at least 36 on the Chemistry Placement Exam. and (MAC 1105 or MAC 1106 and) Pre or Corequisite: CHM 2045L . The sequence CHM 2045/L and CHM 2046/L is designed to meet first-year college chemistry requirements for science majors and engineering students. This course includes the study of periodicity, basic quantum theory, bonding, thermochemistry, stoichiometry, gas laws, properties of the liquid and solid states.

CHM 2045L General Chemistry & Qualitative Analysis Laboratory I 1.00 Credits

Pre or Corequisite: CHM 2045 . This course includes laboratory experiments which are quantitative in nature and designed to give practice in acceptable laboratory techniques.

CHM 2046 General Chemistry II 3.00 Credits

Prerequisite: CHM 2045 and CHM 2045L and Pre or Corequisite: CHM 2046L . This course is a continuation of General Chemistry I and extends the study of chemical principles in solutions, kinetics, gaseous and solution equilibria, acid-base reactions, thermodynamics, oxidation-reduction, electrochemistry, and nuclear chemistry.

CHM 2046L General Chemistry Laboratory II 1.00 Credits

Pre or Corequisite: CHM 2046 . This course is a continuation of General Chemistry Laboratory I. It includes some qualitative analysis.

CHM 2210 Organic Chemistry I 3.00 Credits

Pre or Corequisite: CHM 2210L and Prerequisite: CHM 2046 and CHM 2046L . This is the first course of a two semester course sequence in organic chemistry. In this first semester material covered will include the fundamentals of organic chemistry, organic structure and properties through the understanding of quantum mechanics and orbital theory, nomenclature, structural representation, isomerism, thermodynamics, the chemistry of delocalized electrons, and the reactions and mechanisms associated with the use or synthesis of alkanes, alkenes, alkynes, alkyl halides, alcohols, ethers, epoxides, and sulfur-containing compounds.

CHM 2210L Organic Chemistry Laboratory I 1.00 Credits

Pre or Corequisite: CHM 2210 . This laboratory course involves basic techniques for the synthesis, purification and identification of organic compounds. These techniques include filtration, separation, melting point determination, spectroscopy, recrystallization, distillation, evaporation, reflux and assembly and care of glassware.

CHM 2211 Organic Chemistry II 3.00 Credits

Prerequisite: CHM 2210 and Pre or Corequisite: CHM 2211L . This is the second course in a two-semester sequence of Organic Chemistry. Course material emphasizes the spectroscopy of organic molecules, nomenclature, and the reactions and mechanisms associated with the use or synthesis of carboxylic acids and derivatives thereof, aromatic compounds and substituted derivatives, aldehydes, ketones, amines, alpha-carbon chemistry, and pericyclic reactions.

CHM 2211L Organic Chemistry Laboratory II 1.00 Credits

Pre or Corequisite: CHM 2211 . This laboratory course involves synthesis, purification and identification of organic compounds involving special techniques such as infrared spectroscopy or gas chromatography.

CIS 1358 Operating System Security 3.00 Credits

Prerequisite: CTS 1120 . This course introduces the student to securing personal computer operating systems, specifically the current versions of Windows and Linux. In this course the student will acquire knowledge and skills to perform audit assessments and implement enterprise-wide operating systems security. The objective of the course is to provide hands-on instruction, from the desktops, servers and the network infrastructure and understand how to control the privacy, integrity and authenticity of data. (Note: Credit is only given for CIS 1358 or CJE 1665.)

CIS 2321 Systems Analysis and Design 3.00 Credits

Prerequisite: CGS 1100 or COP 1000 . This course provides the student with ways to understand and apply fundamentals of systems analysis to the development of information systems used in business, government or nonprofit environments. The student will become familiar with a range of techniques for systems analysis. The student will be made aware of the importance of developing good human relations skills and the need to understand and deal with the social and political culture in organizations in the course of system analysis and design.

CIS 2352 Ethical Hacking 3.00 Credits

Prerequisite: CIS 1358 . This course is designed to provide the student with an understanding of the techniques and methodologies of security penetration testing. This course provides hands-on instruction using the various tools and methods that security professionals use to analyze an information system in order to discover vulnerabilities and protect against information loss, cyber terrorism, and corporate espionage. The student will be introduced to fundamental security testing concepts, gain practical knowledge of computer programming, and learn how to properly document a security test. In addition to exploring the legal and ethical ramifications of penetration testing, students will also learn how to apply the appropriate countermeasures in order to reduce the risk that an organization faces. This course is aligned to prepare the student for the EC-Council Certified Ethical Hacker (CEH) industry certification exam. (Note: Credit is only given for CJE 1660 or CIS 2352.)

CIS 2642C Cloud Infrastructure and Services 3.00 Credits

Prerequisite: CTS 1193 . This course provides a survey of cloud-based infrastructures based on the cloud computing reference model. The course will cover the technologies, processes, and mechanisms required to build cloud infrastructures. Students will study the potential benefits of cloud-based computing versus traditional computing architectures. The course also provides students with an overview of the various services available on major cloud platforms. Students will have an opportunity to implement services on one or more cloud platforms.

CIS 2940 Computer Information Technology Internship 3.00 Credits

Permission of the Program. This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations.

CIS 3083 Cloud Computing Foundations 3.00 Credits

Admission to: CYSEC-BAS: Cybersecurity or TMGT-BAS: Technology Development and Management . This course covers essential cloud computing principles, concepts, and architectures. In this course students will also study cloud computing deployment and service models. Students will learn how to evaluate the business case for cloud computing and will be able to describe the risks associated with cloud computing. The course will also provide students with the opportunity to implement various cloud objects including servers and storage objects.

CIS 3661 Security Architectures 3.00 Credits

Admission to: (TMGT-BAS: Technology Development and Management or) CYSEC-BAS: Cybersecurity . This course covers a wide range of topics as they relate to security architecture. Topics include the design, development, and integration of security into system architecture solutions. In this course students will examine the different layers of security architecture, analyze security architecture strategies, and apply policies and standards to security architecture.

CIS 4200 Security Penetration Testing 3.00 Credits

Prerequisite: CIS 2352 and Admission to: (Subplan- CSDR or CYSEC-BAS: Cybersecurity) . This course covers penetration testing and vulnerability assessment. Topics include compliance-based assessment planning and scoping, information gathering & vulnerability identification, attacks & exploits, penetration testing tools, and reporting and communication. This course contains foundational coverage in preparing for CompTIA's PenTest+. Students will need remediation to ensure success on the exam.

CIS 4219 Human Aspects of Cyber Security 3.00 Credits

Admission to: CYSEC-BAS: Cybersecurity . This course focuses on examining the key human factors that could influence the cybersecurity posture of an organization. This includes any contributing psychological traits such as impulsiveness and decision-making. This course will also explore the key techniques and frameworks that allow cybersecurity professionals to recognize and mitigate the risks associated with accidental and intentional insider threats.

CIS 4253 Ethics for Information Technology 3.00 Credits

Admission to: CYSEC-BAS: Cybersecurity . This course provides a comprehensive overview of the current ethical issues in information technology (IT). It examines an array of long-standing and emerging issues facing IT users, ranging from free speech, privacy, intellectual property, security and crime. The course will discuss the ethical responsibilities of IT professionals, and promote the critical examination and responsible use of IT.

CIS 4651 Cloud Deployment and Operations 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course covers a flexible collection of software and programmatic delivery practices for cloud infrastructures. Students will learn how software and tools can improve deployment speed, consistency, and reliability by orchestrating cloud services using code. Students will also gain an understanding of how software programming plays a role in managing cloud services.

CIS 4776 Cyber Warfare 3.00 Credits

Admission to: CYSEC-BAS: Cybersecurity . This class will examine the nature of cyber and information warfare. It will explore the typical threat actors, the cyber and information battlefield and the weapons and strategy employed in this type of warfare. An overview of cyber weaponry will be presented, and various offensive and defensive strategies will be examined via case studies and possible simulations. This course will focus on the cyberwarfare landscape, offensive and defensive cyberwarfare techniques, and the future of cyberwarfare. Students will learn how to identify and analyze threats and vulnerabilities, and to recommend mitigation strategies to reduce the risk associated with cyber warfare.

CJC 3311 Contemporary Issues & Trends in Corrections 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will provide the student with an understanding of the evolution of the U.S. Corrections system, specifically the antecedents of modern corrections, the operation and administration of corrections facilities, and the role of corrections in modern society. Emphasis will be placed on the issues and trends in corrections affecting administration and management.

CJC 3601 Corrections Practice & Policy 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will provide the student with an understanding of the principles of modern management theory to the operations and functions that comprise the leadership of progressive custodial and non-custodial correctional practice. Relevant aspects of human resource management will also be considered and applied to the corrections industry.

CJD 0210C Law Enforcement Supplemental Review - Equivalency of Training 0 Credits

Other: Prior Law Enforcement Certification. This course is designed as a review for previously certified law enforcement officers from other states or Florida whose certification has lapsed. It includes demonstrations of proficiency in firearms, defensive tactics and first aid, vehicle operations as well as a comprehensive review of academic objectives of the law enforcement recruit certification program in preparations for the state certification examination. 50 Clock Hours.

CJD 0213C Corrections Supplemental Review - Equivalency of Training 0 Credits

Other: Previous Corrections Certification. This course is designed as a review for previously certified corrections officers from other states or Florida whose certification has lapsed. It includes demonstrations of proficiency in firearms, defensive tactics and first aid as well as a comprehensive review of academic objectives of the corrections recruit certification program in preparations for the state certification examination. 40 Clock Hours.

CJE 1202 Crime and Delinquency 3.00 Credits

This course will provide the student with the opportunity to explore crime theories, crime causation, crime in the modern world, and future trends of criminology and delinquency. In addition, the student will examine theory versus reality throughout the course.

CJE 1640 Introduction to Crime Scene Technology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate scores on the English and Reading placement tests . This course is an introductory course in crime scene investigation techniques. Emphasis is placed upon recording the crime scene, collecting and preserving physical evidence, and the examination of evidence. Employment of those techniques available to the crime scene investigator also will be demonstrated.

CJE 1643 Advanced Crime Scene Technology 3.00 Credits

Prerequisite: CJE 1640 . This course covers advanced principles, theories and applications in crime scene technology. Specialized collection procedures of weapons, traffic crash evidence, arson, gunshot residue, blood spatter, and recovery of buried bodies and surface skeletons are also included. Data analysis, reporting and plan of action development are emphasized.

CJE 1669 Identity Theft Investigations 3.00 Credits

This course will provide the student with the knowledge of the tools, procedures, resources, and appropriate laws necessary to investigate identity theft crimes.

CJE 1680 Introduction to Computer Related Crime Investigations 3.00 Credits

This course provides the student an overview of criminal acts that can be committed with the use of a computer and the Internet, how computer related crimes are committed and how computer related crimes are investigated. The legal issues involved in the prosecution of computer related crimes will also be explored. Topics include the Internet and investigative software tools.

CJE 1681 Internet as an Investigative Tool 3.00 Credits

This course will instruct students in how to utilize a computer and advanced Internet search techniques as an investigative tool. Topics will include tracking individuals using email addresses, newsgroups, chat rooms, public record information and network addresses.

CJE 1682 Tracking and Profiling Hackers, Pedophiles and Internet Stalkers 3.00 Credits

This course provides the student with the knowledge to track and profile hackers, pedophiles and Internet stalkers. Software tools and Web sites used by investigators will be a part of this course. An overview of criminal acts committed by hackers, pedophiles and Internet stalkers will also be included in this course.

CJE 1683 Internet Pornography Investigations 3.00 Credits

This course will provide the student with the knowledge, tools and laws related to Internet pornography investigations.

CJE 1684 Internet Fraud Investigations 3.00 Credits

This course will provide the student with the knowledge of the tools, procedures and appropriate laws necessary to investigate Internet fraud crimes.

CJE 1685 Legal Aspects of Computer Related Criminal Investigations 3.00 Credits

This course will provide the student the opportunity to learn the legal aspects of laws and codes that apply to computer related criminal investigations. Students will learn the elements required to prosecute computer related crimes including writing search warrants.

CJE 1686 Forensic Computer Related Crime Investigations 3.00 Credits

This course will introduce the student to the principles and practices required to obtain and preserve evidence in forensics computer related crime investigations. Topics will also include the Internet and investigative software tools.

CJE 1687 Computer Software Piracy and Copyright Infringement 3.00 Credits

This course provides the student with an overview of the legal issues involved in computer software piracy and copyright infringement, the tools and technologies used to commit these offenses, and the investigative techniques that can be utilized to combat these crimes.

CJE 2605 Investigative Trends 3.00 Credits

This course will provide the student with the opportunity to explore in depth, specific crime typologies, national crime trends, and international events as well as view fundamental investigative techniques. In addition, the student will examine the rigorous methods, issues, and trends of criminal investigation.

CJE 2644 Crime Scene Safety 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate scores on the English and Reading placement tests. . This course covers potential health and safety hazards one will encounter at a crime scene. The course will also introduce the proper protective techniques to minimize risk to self and others. Emergency procedures and state and federal regulations are included.

CJE 2645 Introduction to Forensic Science 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate scores on the English and Reading placement tests. . This course exposes the student to the capabilities and functions of a full-service crime laboratory. Also covered is evidence selection and submission to crime lab in accordance with established standards and legal requirements including chain of custody.

CJE 2671 Latent Fingerprint Development 3.00 Credits

Prerequisite: CJE 2644 and CJE 2676 and Pre or Corequisite: CJE 1643 and CJL 2610 and CJE 2645 and CJE 2672 . This course emphasizes the techniques involved in detection, enhancement and recovery of latent fingerprints from physical evidence. Chemical and mechanical methods and surfaces will be analyzed and evaluated for proper application in both theory and practice.

CJE 2672 Fingerprint Classification 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate scores on the English and Reading placement tests. . This course teaches the Henry modified system of fingerprint classification and prepares the student for a position as an inked fingerprint examiner.

CJE 2673C Crime Scene Photography 4.00 Credits

Pre or Corequisite: CJE 1640 . This course explains and covers crime scene photography skills, including camera operation, exposure control, proficiency in relational photos, and flash control for crime scene and evidentiary documentation. The course will also cover special light sources and the use of filters, specialized equipment, digital cameras, and hand held video camera-recorders.

CJE 2676 Biological Evidence 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the college placement tests. . This course exposes the student to the forensic value, handling, preservation, testing and documentation of biological evidence. This course also addresses safety issues involved in handling biological evidence.

CJE 2940 Internship 1.00 - 3.00 Credits

Admission to: CJPSS-AS: Criminal Justice Technology Public Safety Services or CST-AS: Crime Scene Technology or DIGFORN-AS: Digital Forensics and Computer Investigations or Permission of the Program. This course provides the student with a supervised, practical learning experience in a work setting that is relevant to the Criminal Justice, Crime Scene, or Digital Forensics and Computer Crime program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations.

CJE 3213 Digital Forensics in Public Safety 3.00 Credits

Pre or Corequisite: CCJ 3075 and Admission to: PSA-BAS: Public Safety Administration . This course provides a broad overview of digital forensic investigations. It begins by examining the fundamentals of system forensics, including defining the cyber forensics process, the role of the computer forensics specialist, and the application of forensic analysis skills to various types of investigations. The course also provides the student with an overview of various computer crimes, as well as the forensic methods applicable to each kind of investigation. The course also discusses the tools, techniques, and methods used to perform digital forensic investigations on a variety of data, operating systems, and hardware devices.

CJE 3214 Advanced Topics in Digital Forensics 3.00 Credits

Pre or Corequisite: CCJ 3075 and Admission to: PSA-BAS: Public Safety Administration . This course is designed to be an advanced course in digital forensics that focuses on special investigative topics. These topics include the legal and technical challenges faced by an investigator who is conducting a cloud forensic investigation. The course also discusses how to conduct an analysis of volatile data and system memory areas. The different characteristics of dark web investigations are considered as well. Finally, case studies are provided to show some examples of anti-forensic methods that may hinder an investigation of computer forensics.

CJE 3215 Mobile Device Forensics 3.00 Credits

Pre or Corequisite: CCJ 3075 and Admission to: PSA-BAS: Public Safety Administration . This course is designed to help students better understand the differences between the forensic investigations of mobile devices and investigation on traditional computer devices. The course teaches the proper steps used in a search of a mobile device, including the most probable locations of different types of data artifacts. Topics include the preparing, protecting, and seizing of evidence, with a view towards producing evidence that will be admissible in court. The course also presents an overview of tools that will help the examiner validate the collected evidence, as well as examining the different processes used in iOS investigations versus Android device investigations.

CJE 3263 International Organized Crime 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will provide the student with an awareness of the impact of international gangs, organized crime and terrorism on the United States and globally. The student will examine the undermining of nations, financial institutions, homeland security and global networking capabilities of international gangs, organized crime and terrorist groups. The student will analyze the historical and regulatory factors that contributed to creating domestic and international gangs and organized crime in Eastern Europe and Asia, and the impact of organized crime groups, particularly Italian, Asian, Russian, Israeli, Albanian, Colombian, Mexican, African, Canadian and outlaw motorcycle gangs. The course will deal with international issues including money laundering, drug trafficking, human trafficking, contract assassinations, transnational terrorism, arms trafficking, cyberspace fraud and corruption of political and police officials.

CJE 3341 Patrol Issues in Law Enforcement Administration 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will provide the student an opportunity to explore and understand one facet of law enforcement service delivery. The student will focus on agency implementation requirements and overall program effectiveness while evaluating community satisfaction. This process will enhance the student's ability to research program needs, examine budgetary requirements for implementation and measure the program's effectiveness from a crime reduction and prevention standpoint.

CJE 3361 Management of Specialized Law Enforcement Units 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will provide the student an opportunity to explore and understand specialized facets of law enforcement service delivery. The student will focus on agency implementation of public safety, crime reduction, and/or community relation initiatives, evaluating program effectiveness and community impact. This process will enhance the student's ability to research program needs, examine budgetary requirements for implementation, and measure the program's effectiveness from a viability standpoint.

CJE 3611 Criminal Investigations Theory and Practice 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will give the student an opportunity to explore and understand investigative facets of law enforcement service delivery. The student must focus on agency implementation of investigative initiatives and overall program effectiveness while evaluating prosecution success and community impact. This process will enhance the student's ability to research program needs, examine budgetary requirements for implementation, and measure the program's effectiveness from a crime solvability standpoint.

CJK 0007 Intro to Law Enforcement 0 Credits

This course is the introduction to the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJK 0017 Communications 0 Credits

This course is the Communications section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJK 0020 CMS Law Enforcement Vehicle Operations 0 Credits

This course includes the physiological and psychological factors which impact vehicle operations and control; the basic components of defensive driving and emergency vehicle operations, the basic legal considerations involved in the operation of authorized emergency vehicles and in vehicle pursuits; civil and criminal liability which are applicable to law enforcement driving; what to look

for during routine maintenance and inspection of a police vehicle; the basic elements of vehicle dynamics; the types of skids and their causes; how to recover from several types of skids; and basic driving skills and techniques.

CJK 0031 CMS First Aid for Criminal Justice Officers 0 Credits

This course identifies the role of a law enforcement officer in recognizing and responding appropriately to emergency situations.

CJK 0040 CMS Criminal Justice Firearms 0 Credits

This course is available only to students who are accepted into the Basic Law Enforcement Certificate Program.

CJK 0061 Patrol I 0 Credits

This course is the Patrol I section of the Florida Department of Law Enforcement, Criminal Justice Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJK 0062 Patrol II 0 Credits

This course is the Patrol II section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJK 0071 Criminal Investigations 0 Credits

This course is the Criminal Investigations section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement.

CJK 0076 Crime Scene Investigations 0 Credits

This course is the Crime Scene Investigations section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJK 0082 Traffic Stops 0 Credits

Students are responsible for reading and reviewing all course-related material. They are required to attend classroom lectures that include the topics of traffic stops and participate in practical exercises. Two role-play practicum will help students apply proper procedures to specific traffic stop scenarios. There will also be a written exam covering all of the course content. At the end of this course, students should be able to: 1) Safely pull a vehicle over, 2) Identify and articulate the stop/violation, 3) Obtain necessary information from the driver/passenger, 4) Safely complete the stop / Safely effect an arrest, and 5) Accurately complete the required documentation for a traffic stop.

CJK 0083 DUI Traffic Stops 0 Credits

Students are responsible for reading and reviewing all course-related material. They are required to attend classroom lectures that include DUI (Driving Under the Influence) traffic stops and participate in practical exercises. Two role-play practicum will help students apply proper procedures to specific DUI traffic stop scenarios. There will also be a written exam covering all of the course content. At the end of this course, students should be able to: 1) Understand the problems and solutions of the DUI problem, 2) Identify the DUI laws and relative legal issues, 3) Identify the signs of alcohol or drug impairment, 4) Conduct a DUI traffic stop, 5) Follow the three-phase process of a DUI contact, 6) Demonstrate proficiency in conducting the Standardized Field Sobriety Tests, 7) Make an arrest decision based on the presence or absence of specific clues, 8) Accurately complete the required documentation for a DUI arrest, and 9) Provide clear and convincing evidence of DUI in court testimony.

CJK 0086 Traffic Crash Investigations 0 Credits

This course is the Traffic Crash Investigations section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJK 0096 Criminal Justice Officer Physical Fitness Training 0 Credits

This course is the Officer Physical Fitness section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJK 0102 Correctional Operations 0 Credits

This course is about specific operational procedures relating to offender intake, classification, discipline and the sentencing reduction process are studied. 64 contact hours.

CJK 0201 CMS LE to Traditional Correctional Cross Over 0 Credits

This course is a crossover program designed to cross CMS certified law enforcement officer to work in the State of Florida as certified traditional corrections officers.

CJK 0211 Cross-Over Corrections to Law Enforcement Introduction 0 Credits

These courses includes the basic knowledge and skills for certified corrections officer(s) to cross over to become law enforcement officer(s) in: law, interpersonal communications, radio communications, note taking, report writing, interviewing, ethics, professionalism, court structure, working with communities, diverse and special populations, and information about the criminal justice system in Florida and the Criminal Justice Standards and Training Commission.

CJK 0212 Cross-Over Corrections to Law Enforcement - High Liability 0 Credits

This course is designed for the certified corrections officer(s) to cross over to law enforcement. This course focuses on high liability areas and contain the following LE course material: CJK-0031 prepares prospective officers to apply basic first aid knowledge and techniques to emergencies. CJK-0040 includes firearms safety procedures; use of deadly force; and basic handling procedures for the handgun (revolver and semiautomatic pistol), shotgun, and semiautomatic rifle/carbine, including component parts and their function. It also covers the common types of ammunition used in law enforcement; ammunition components; and the use of various types of ammunition for handguns, shotguns, or rifles. The recruit will attain proficiency in marksmanship and in safely using, handling, and maintaining certain designated firearms.

CJK 0213 Cross-Over Corrections to Law Enforcement - Tactical Applications 0 Credits

These courses includes the basic knowledge and skills for certified corrections officer(s) to cross over to become law enforcement officer(s) in tactical applications: Module 11 includes information about the Florida court system structure and how courts relate to law enforcement; rules of the court and pretrial, trial, and post-trial procedures; the responsibilities of an officer with regard to court proceedings, the proper appearance of an officer, and the appropriate behavior and techniques that an officer should employ when testifying in court; and courtroom demeanor and techniques for testifying. Module 12 includes instruction in the first response to emergency situations, including traffic crash, missing person, injured animals, community issues, and health, safety and environmental issues resulting from crashes or accidents. It addresses securing and assessing the scene, gathering information on the incident, setting up a command post, and designating and delegating operation responsibilities. Module 13 includes general information involving law enforcement exposure to bombs, explosives, and weapons of mass destruction. Unit 1 addresses the skills needed to handle bomb and explosive situations including the use of appropriate search techniques and recognition of potential explosive devices. Unit 2 presents general information regarding weapons of mass destruction (WMD) and the skills needed to handle WMD situations. Module 14 introduces students to the skills to perform different law enforcement functions while assigned to a special detail. The skills can be applied to different types of special details such as parades, concerts, festivals, and other indoor or outdoor public events. This module includes the elements of unlawful assemblies and riots; definition of a riot and common indicators of tension in gatherings; types of force that can be used in riotous situations; and riot control procedures.

CJK 0221 Correctional Probation Cross-Over to Law Enforcement Introduction and Legal 0 Credits

This course is the Introduction and Legal section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Crossover training program for Correctional Probation officers to Law Enforcement. CJSTC program 1178.

CJK 0222 Correctional Probation Cross-Over to Law Enforcement Communications 0 Credits

This course is the Communications section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Crossover training program for Correctional Probation officers to Law Enforcement. CJSTC program 1180.

CJK 0223 Correctional Cross-Over to Law Enforcement Human Issues 0 Credits

This course is the Human Issues section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Crossover training program for Correctional Probation officers to Law Enforcement. CJSTC program 1178.

CJK 0231 Correctional Cross-Over to Correctional Probation Supervision 0 Credits

This course is the Supervision section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Crossover training program for Correctional officers to Correctional Probation.

CJK 0255 CMS Corrections Probation Firearms 0 Credits

This course is part of the Traditional Correctional Probation Academy, focusing on firearms training.

CJK 0277 Correctional Probation Cross-Over to Traditional Correctional Legal and Communications 0 Credits

This course is the Legal and Communications section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Crossover training program for Correctional Probation officers to Traditional Correctional. CJSTC program 1182.

CJK 0278 Correctional Probation Cross-Over to Traditional Correctional Interpersonal Skills I 0 Credits

This course is the Interpersonal Skills I section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Crossover training program for Correctional Probation officers to Traditional Correctional. CJSTC program 1182.

CJK 0279 Correctional Probation Cross-Over to Traditional Correctional Interpersonal Skills 2 0 Credits

This course is the Interpersonal Skills II section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Crossover training program for Correctional Probation officers to Traditional Correctional. CJSTC program 1182.

CJK 0300 Introduction to Corrections 0 Credits

At the end of this course, students should be able to: understand the values and ethics required of criminal justice officers; understand amendments to the U.S. constitution applicable to corrections; determine when a crime has been committed; understand the chain of custody and concepts of evidence; be able to articulate the legal justification for the use of force; understand civil and criminal liability as related to an officer's performance of duties; understand the Fourth Amendment.

CJK 0305 Communications 0 Credits

At the end of this course, students should be able to: interact professionally with inmates, visitors and staff in a correctional setting, identify the root causes of miscommunication, use understand, and interpret nonverbal cues, communicate properly using telephone equipment, communicate properly using radio equipment, prepare for and conduct interviews, take notes, obtain statements when appropriate, sort information by category, arrange information in chronological order, follow correct format and content when writing a report, identify types of correctional officer reports, write reports, use computer when writing reports, edit and proofread reports.

CJK 0310 Officer Safety 0 Credits

At the end of this course, students should be able to maintain their safety and security by being aware of their surroundings; understand the identification requirements of their facility; recognize the potential danger of being manipulated and deceived; locate and control contraband.

CJK 0315 Facility and Equipment 0 Credits

At the end of this course, students should be able to complete the following tasks within a correctional facility: identify common equipment; identify hazardous equipment; interpret responsibilities for equipment accountability; describe equipment storage

procedures; list common procedures for issuing, receiving and documenting inventoried equipment; differentiate among weapons; list types of security equipment; identify hazardous materials; identify sensitive supplies; describe the proper handling of sensitive supplies; identify standards for security and inspections; describe methods for entering, exiting and moving within a facility; list elements important to maintaining good sanitation and health.

CJK 0320 Intake and Release 0 Credits

At the end of this course, students should be able to: understand the process for accepting a subject into a county detention facility, understand the process for accepting an inmate into a state detention facility, search an inmate and his or her property for contraband, inventory an inmate's property for storage, know types of personal items issued to inmates, understand the importance of taking clear fingerprints, fingerprint a subject, know the relationship between the Florida Crime Information Center and the National Crime Information Center (FCIC/NCIC), understand the importance of getting accurate personal information from an inmate, know the legal issues involving criminal history information, understand the classification process for placing inmates in appropriate housing areas, know inmate security levels, understand the process for releasing an inmate, explain how to check for any outstanding holds or detainers on an inmate.

CJK 0330 Supervising Special Populations 0 Credits

At the end of this course, students should be able to: observe, identify, and effectively supervise diverse special population inmates within a housing unit in a correctional setting; maintain officer safety and a high level of professionalism when supervising special population inmates in a correctional setting; maintain care, custody, and control of special population inmates within a housing unit in a correctional setting.

CJK 0335 Responding to Incidents and Emergencies 0 Credits

At the end of this course, students should be able to: identify and interpret the response to an emergency; describe the elements of an emergency plan and level of response; identify standard procedures and equipment used when responding to the following emergencies: inmate escapes, medical emergencies, riots, hostage incidents, facility assaults, fires, hazardous materials, bomb threats, man-made and natural disasters; select the standard procedures for crime scene control; describe how to manage victims, witnesses and suspects; explain investigation and reporting techniques; describe procedures for the chain of custody for evidence.

CJK 0340 Officer Wellness and Physical Abilities 0 Credits

At the end of this lesson, students should be able to do the following: improve their score on the final fitness evaluation; improve understanding of various elements of wellness, e.g., nutrition, weight control, and stress management; adopt a foundation for lifelong fitness.

CJK 0422 Dart-Firing Stun Gun 0 Credits

This course is the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission Dart Firing Stun Gun Course.

CJK 0551 CMS Criminal Justice Defensive Tactics 0 Credits

This course is the CJ Defensive Tactics section of the Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission New Basic Law Enforcement Recruit Training Program.

CJL 2062 Constitutional Law & Rules of Evidence 3.00 Credits

This course introduces students to Constitutional Law and Criminal Procedure. Students will examine the application of the laws of arrest, search and seizure and rules of evidence within the criminal justice system. Topics will include the exclusionary rule, self-incrimination, identification of suspects and constitutional rights before and during trial.

CJL 2610 Courtroom Presentation of Scientific Evidence 3.00 Credits

Prerequisite: CJE 2644 and CJE 2676 and Pre or Corequisite: CJE 1643 and CJE 2645 and CJE 2672 . This course covers speaking, listening and stress control during courtroom proceedings, dress and grooming. Visual aid preparation and presentations of all evidence (commonly referred to as scientific evidence) collected at the crime scene are also included. Mock trial exercises will be used.

CLP 2140 Abnormal Psychology 3.00 Credits

Prerequisite: PSY 1012 or PSY 1012H . This course is an examination of the major categories of psychological disorders. Diagnostic criteria and treatment methods applicable to psychological disorders are studied. This course has a substantial writing requirement. (Note: Study Abroad opportunities may apply to this course. https://blog.spcollege.edu/international/study-abroad/)

CLT 2373 Ancient Greek Mythology 3.00 Credits

This course will acquaint the student with the world of mythological gods and heroes of the Ancient Greeks. Literature, art and archaeology will be examined, as well as lifestyles and ideas of the Ancient Greek civilization. (Note: Study Abroad opportunities may apply to this course.) (https://blog.spcollege.edu/international/study-abroad/).

CNT 1000 Local Area Network Concepts 3.00 Credits

This is a course designed to introduce the student to various local area network (LAN) concepts and wide area network (WAN) technologies. Major topics include network architecture, network operations and devices, network security, troubleshooting, and industry standards, practices, and network theory. This course helps prepare students to sit for the CompTIA Network + certification exam.

CNT 2940 Computer Networking Internship 3.00 Credits

Permission of the Program. The purpose of this course is to allow students a real world experience with major-related, supervised, evaluated practical work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. (Note: The student must fulfill the requirement of 180 on-the-job hours in addition to written assignments.)

CNT 3010 Foundations: Operating Systems & Networks 3.00 Credits

Prerequisite: (COP 3035) . This course reviews fundamental principles of modern operating systems and computer networks and relates them to computer programming. Topics include the design of various components of operating systems and services, network structures and devices, network protocol stacks, network performance metrics, network routing algorithms, and network traffic analysis. The role of security in systems and networks is also covered.

CNT 3421 Securing the Cloud 3.00 Credits

Admission to: (TMGT-BAS: Technology Development and Management or) CYSEC-BAS: Cybersecurity . This course focuses on providing students with the required knowledge, skills, and abilities to architect and design secure cloud-based resources. The course covers securing data and applications in the cloud as well as cloud infrastructure. Governance and compliance issues as they pertain to cloud computing are also considered.

CNT 4425 Cloud Architectures 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course covers the design and the deployment of scalable, highly available and fault-tolerant systems using cloud services. Using hands-on experience, students will learn to implement resilient architectures and design high-performing, secure architectures on a leading cloud platform. The class will also address managing and monitoring storage, computing systems, virtual networks, governance and identity in a cloud environment. Emphasis will be given to understanding best practices and the benefits of cloud-based solutions versus traditionally architected solutions.

COM 2000 Introduction to Communication 3.00 Credits

Prerequisite: (SPC 1608 or SPC 1608H or SPC 1017 or SPC 1017H and) (ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H) . This course is an introduction to the concepts, perspectives, theories, processes and contexts of human communication. An emphasis is placed on acquiring practical communication skills. This course is part of the Associate in Arts Transfer Plan for Communication for the University of South Florida. (Note: Study Abroad opportunities may apply to this course.)(https://blog.spcollege.edu/international/study-abroad/).

COM 3120 Organizational Communication 3.00 Credits

Prerequisite: (ENC 1101 or ENC 1101H or IDS 1106 and) (SPC 1017 or SPC 1017H or SPC 1065 or SPC 1608 or SPC 1608H) . This course examines organizational communication as a process of creating, exchanging, interpreting and storing messages within a system of human interrelationships within an organization. Course topics include dissemination, interpersonal communication, work group interaction, nonverbal communication and other areas as they impact individuals' behavior within the organization. Because communication is central to the existence of an organization, emphasis will be placed on practical techniques for diagnosing and resolving organizational communication problems.

COM 3131 Interpersonal Communication 3.00 Credits

Prerequisite: (ENC 1101 or ENC 1101H or IDS 1106 and) SPC 1017 or SPC 1017H or SPC 1065 or SPC 1608 or SPC 1608H) . This course explores communication within the context of professional interpersonal relationships. Topics include interpersonal communication concepts, monitoring the internal and external environmental factors in interpersonal relationships, determining the relational context, identifying the appropriate communication channel for interpersonal exchanges, and reducing unintended messages. Students will demonstrate their understanding of diversity in their interpersonal relationships.

COP 1000 Introduction to Computer Programming 3.00 Credits

This course is an introduction to computer programming. Students will solve programming problems by coding programs that input and process data and generate output. Solutions to programming problems will require coding decision structures, repetition structures, and custom functions. Some programs will require creating and reading text files and working with lists. Additional topics include an overview of how computers work, the Internet, binary numbers, and hexadecimal numbers. (NOTE: To understand the material and complete assessments, students should be comfortable with basic algebra and problem-solving before taking this class. It is recommended that students complete College Algebra (MAC 1105) before enrolling in COP 1000).

COP 1044 Introduction to Data Science using Python 3.00 Credits

Prerequisite: COP 1000 . This course introduces the application of Python 3 modules to data science. Topics include Python for basic statistics, the NumPy module for manipulation of array-based data, Pandas for manipulation of heterogeneous and labeled data, Matplotlib for publication-quality visualizations, and IPython for interactive execution and sharing of code. Students will use Anaconda and Jupyter Notebooks software.

COP 1831 Web Scripting with CGI/PERL 3.00 Credits

Prerequisite: COP 1000 and CGS 1831 . This course will introduce students to Web scripting with the Common Gateway Interface (CGI) and Practical Extract and Reporting Language (Perl). Students will develop CGI scripts that read HTML forms and generate output. Topics will include Perl control structures, loops, arrays, hashes, functions, cookies, regular expressions, text files, and database access with Structured Query Language (SQL).

COP 1842 Developing Web Sites Using PHP/MYSQL 3.00 Credits

Prerequisite: COP 1000 and CGS 2823 . This course will teach students necessary skills to effectively implement dynamic Web sites using PHP HyperText Preprocessor (PHP) and MySQL. Topics include configuring PHP and MySQL, reading HTML forms, variables and strings, selections, loops, arrays, text files, cookies and sessions, functions, regular expressions, connecting to a MySQL database, writing basic Structured Query Language (SQL) commands, and developing applications with PHP/MySQL.

COP 2220 Programming in C++ 3.00 Credits

Prerequisite: COP 1000 . This is a programming course in the C language. The student will learn to design, document, prepare, enter, compile, debug and execute C++ programs of moderate sophistication. Major topics covered include: history, structured programming, data types, data structures, and input/output in C++. (Note: This course replaced CGS 2402.)

COP 2222 Advanced C++ Programming 3.00 Credits

Prerequisite: COP 2220 . This is an advanced programming course in C language. Emphasis is placed on programming using classes and structures in C++. Topics covered will include classes, structures, and exception handling.

COP 2250 Java Programming I 3.00 Credits

Prerequisite: COP 1000 . This is a beginning programming course in the Java language. The student will learn to solve programming problems by designing, coding, executing, and debugging Java programs. Major topics covered include: data types and expressions, selections, loops, methods, arrays, class ArrayList, class String, regular expressions, class StringBuilder, data classes and object-oriented programming, and exception handling.

COP 2251 Java Programming II 3.00 Credits

Prerequisite: COP 2250 . This course will teach students to write advanced Java programs. The student will learn to write Java programs to solve programming problems dealing with inheritance, abstract classes, interfaces, JavaFX images and JavaFX GUI programming, lambda expressions, generic classes and methods, collections, lists, linked lists, arraylists, stacks, queues, maps, sets, basic SQL (Structured Query Language), and JDBC (Java Database Connectivity).

COP 2360 C# Programming I 3.00 Credits

Prerequisite: COP 1000 . This course is a study of the C# (C Sharp) programming language within the .NET Framework. Emphasis is placed upon the position of.NET in software development and creation of .NET applications by applying built in .NET libraries, classes and developing and applying user-defined classes in applications using C#.

COP 2362 C# Programming II 3.00 Credits

Prerequisite: COP 2360 . This is an advanced programming course in the C# language. Emphasis is placed on programming using classes and structures in C#. Topics covered will include classes, structures, an introduction to Windows programming, ADO.NET and ASP.NET using C#.

COP 2390 C++ Programming with DirectX 3.00 Credits

Prerequisite: COP 2222 . This is an advanced programming course in C++ language. Emphasis is placed on graphical programming using DirectX, Windows Application Programming Interface (API), the Graphics class, vectors, collision detection, Sprites and animation. Topics covered will include the 2d graphics applications, C++ and DirectX. (Note: This course was formerly CAP 2733.)

COP 2654 iOS App Development 3.00 Credits

Prerequisite: COP 1000 . This is an introductory course in application development for iOS devices. Students will study the Objective-C language and observe Apple standard design patterns including Model-View-Controller (MVC). The Xcode Integrated Development Environment (IDE) will be used to create and test a number of apps. Web-based app development tools will also be introduced. Students will learn how to provision their apps to their own iOS devices and for distribution to the AppStore. An Apple desktop or laptop is required for this course. For face-to-face and blended classes, the course is taught in an Apple computer lab. Online students must own, or have access to, an Apple computer. Students will benefit greatly by owning an iPhone, iPad, or iPod Touch but this is not compulsory since the software includes a simulator.

COP 2660 Introduction to Android Programming 3.00 Credits

Prerequisite: COP 2251 . This is an introductory course in Android application development for smartphones and tablets. Students will use the Android Software Development Kit (SDK) with Java and Android Studio developer tools to create and test apps on the Android emulator and on their own Android devices. Topics include user interface layouts and views, activities, intents, fragments, data persistence with files and SQLite databases. Students will gain fundamental knowledge essential to not only Android development, but mobile development in general.

COP 2801 JavaScript 3.00 Credits

Prerequisite: COP 1000 . This course will teach students to write JavaScript programs that can be executed by the major Web browsers. These programs will be created using this object-based scripting language. Students will conceptualize and develop JavaScript programs using strings, arrays, built-in functions, user-defined functions, control structures, and looping structures.

COP 2803 Client-Side JavaScript 3.00 Credits

Prerequisite: COP 2801 and CGS 1831 . This course focuses on advanced concepts and programming skills required to build modern rich internet applications utilizing the JavaScript language. Topics include application architecture, general libraries such as YUI, Prototype, Underscore.js; Building Internet Applications; Animations and Effects; Cryptography and Security; High-Performance JavaScript, and Unit Testing.

COP 2806 Java Web Applications 3.00 Credits

Prerequisite: COP 2250 and CGS 1831 . This course is designed to introduce students to the concepts fundamental to the analysis, design, and development of software that operates on web servers and web browsers, supporting multiple concurrent users. The emphasis is on Java web technologies.

COP 2837 Visual Basic.NET Programming I 3.00 Credits

Prerequisite: COP 1000 . This course includes an introduction to the.NET framework and the class libraries for developing Visual Basic applications. Visual Basic building blocks, language syntax and programming structures will be emphasized through development of Windows applications using forms and controls.

COP 2838 Visual Basic.NET Programming II 3.00 Credits

Prerequisite: COP 2837 . This course is a continuation of Visual Basic.Net Programming I with the development of Windows applications using forms and classes. ActiveX Data Objects.NET (ADO.NET) is used to access databases and blend them into an application program as sources of data. Web service applications and Web Forms are developed.

COP 2839 ASP.NET Programming with C# 3.00 Credits

Prerequisite: COP 2837 or COP 2360 . This course is the study of the creation of Web server based components to generate Hypertext Markup Language (HTML) using Active Server Pages.NET (ASP.NET) in a C# programming environment. ASP.NET programs are created using an event driven programming model. Server controls and Web forms are studied in depth.

COP 2843 Advanced PHP/MySQL 3.00 Credits

Prerequisite: COP 1842 . This course extends the study of PHP and MySQL begun in COP 1842, Developing Web Sites Using PHP/MySQL. Topics include MySQL transactions and stored procedures, authentication and authorization, using PEAR, PHP and MySQL security, networking applications, session control, templates, serialization, the CodeIgniter framework, XML and web services, Google maps, Amazon scripts, and shopping carts.

COP 2844 Server-Side JavaScript 3.00 Credits

Prerequisite: COP 2801 . Modern web application development can be split into two major functional areas: client-side and server-side. This course will teach students to write JavaScript programs that run server-side. These programs will be created using this object-based scripting language. Students will conceptualize and develop server-side applications utilized to carry out processing on the server and exposing data via HTTP.

COP 2932 Emerging Topics in Computer Programming Technologies 3.00 Credits

Prerequisite: COP 2251 and COP 2362 . This course will examine emerging technologies. Emphasis is placed on exposure to technologies relating to software development, providing hands-on applications, and discussion of practical implications of these emerging fields.

COP 2940 Computer Programming Internship 3.00 Credits

Permission of the Program: : . The purpose of this course is to allow students a real world experience with major-related, supervised, evaluated practical work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. The student must fulfill the requirement of 180 on-the-job hours in addition to written assignments.

COP 3035 Intermediate Computer Programming 3.00 Credits

Admission to: Subplan: Software Development (SOFTDEV) or Permission of the Program. As an intermediate level computer programming course, students will build upon their programming knowledge and skills by using an appropriate programming language to plan, code, and debug object-oriented programs (OOP). Course topics include the design and use of common OOP data structures and their associated algorithms.

COP 4504 Advanced Software Programming 3.00 Credits

Prerequisite: COP 3035 and Admission to: TMGT-BAS: Technology Development and Management . This course covers advanced concepts of computer programming including object-oriented programming, procedural and data implementation and program modularity. This is an advanced level programming course and it is recommended that students have completed a lower level programming language.

COP 4533 Algorithmic Design and Development 3.00 Credits

Prerequisite: COP 3035 and Admission to: TMGT-BAS: Technology Development and Management . This course exposes the student to the topics of data structures, algorithms, algorithm design and analysis by focusing on design methods and efficiency analysis. Methods start with brute force, divide-and-conquer and then move on to more difficult ideas like dynamic programming and greedy technique. Popular puzzles are used to motivate students' interest and strengthen their skills in algorithmic problem solving. This is an advanced level programming course and it is recommended that students have completed a lower level programming language.

CPO 2002 Comparative Government 3.00 Credits

Prerequisite: POS 2041 . This course is a comparative study of selected countries and political systems. The course will examine forms of government, institutions, political culture, policy-making processes and contemporary problems. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

CRW 2001 Creative Writing 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H . This course is offered for students desiring experience in such forms as the short story, poetry, the novel, etc. and is conducted under workshop conditions. The class will discuss outstanding contemporary writers' work as patterns and also read and analyze the student writing assignments. Each student may specialize in one literary form in a term project, as determined in conference with the instructor. This course has a substantial writing requirement.

CRW 2100 Fiction Workshop 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program. This course, offered for students desiring experience in the writing of fiction, is conducted under workshop conditions. The class will discuss outstanding contemporary fiction writers' work as positive examples, explore the elements of both short stories and novels, and analyze student fiction in a workshop situation. Term project will consist of a collection of stories or part of a novel, the parameters of which will be determined by the instructor. This course has a substantial writing requirement.

CRW 2300 Poetry Workshop 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program. This course, offered for students desiring experience in the writing of poetry, is conducted under workshop conditions. The class will discuss outstanding contemporary poets' work as positive examples, explore the elements of both formal and free verse poetry, and analyze student poetry in a workshop situation. Term project will consist of a collection of poems, the parameters of which will be determined by the instructor. This course has a substantial writing requirement.

CTS 1120 Network Security Foundations 3.00 Credits

It is recommended that the student have previous computer network training or experience. This course provides the students with an overview of Information Technology (IT) Security and introduces the components necessary to secure network information systems. Topics include security policies, Intrusion Detection Systems (IDS), firewalls, operating system security and network security basics. Students will also be introduced to current hacker techniques and log auditing processes. Current computer security

issues will also be explored as class projects. This course along with CIS1358 prepares students for the Security+ certification offered by CompTIA. (Note: Credit is only given for CTS 1120 or CJE 1678.)

CTS 1193 Cloud Essentials 3.00 Credits

This course provides an introductory survey of cloud computing. Students will learn how cloud computing can help organizations achieve goals and create business value. Students will also gain an understanding of how cloud computing impacts IT service management. The course examines governance, risks and consequences associated with cloud computing, as well as its impact on application development.

CTS 1303 Configuring Advanced Windows Server Services 3.00 Credits

Prerequisite: CTS 1334 . This course provides students with the knowledge and skills to successfully configure advanced services in a distributed Windows Server environment. The course focuses on advanced configuration of services necessary to deploy, manage and maintain a Windows Server infrastructure, such as: configuring and managing high availability; configuring file and storage solutions; implementing business continuity and disaster recovery; configuring network services; configuring an Active Directory (AD) infrastructure; and configuring access and information protection solutions. The course is intended to provide the skills and knowledge necessary to sit for the 70-742 MCSA certification exam.

CTS 1314 Network Defense and Countermeasures 3.00 Credits

Prerequisite: CTS 1120 . This course will explore concepts of network defense and countermeasures as well as hardware and software required to design, configure and implement secure networks. Security topics covered in this course include firewalls, Intrusion Detection Systems (IDS), Virtual Private Networks (VPN) and policy creation using applicable operating system software, Transmission Control Protocol/Internet Protocol (TCP/IP) packet/signature analysis, and overall system hardening against exploits. Hands-on instruction will include installing the network defense mechanisms and countermeasure applications. Software will be used for collecting, monitoring and auditing various activities; students will analyze threats and intrusions. Multiple business scenarios will be reviewed to determine which security policy provides the most protection at an acceptable level of risk in order to conduct business. (Note: This course is pending a number update to CTS 2314.)

CTS 1327 Configuring and Administering MS Windows Client 3.00 Credits

The purpose of this course is to address the implementation and desktop support needs of customers that are planning to deploy and support Microsoft Windows Client. The course focuses on four main areas: installing; securing; networking; and mobile computing features. Additionally, this course addresses the customers' need for knowledgeable personnel that can support desktops running Microsoft Windows Client Operating Systems.

CTS 1328 Windows Server Administration 3.00 Credits

This course introduces students to the fundamentals of installing, maintaining, monitoring, and troubleshooting Windows Servers. This course also teaches students about Windows Active Directory, Windows Containers, Hyper-V, implementing storage solutions, and High Availability in a Windows Server environment. It is intended to provide the skills and knowledge necessary to sit for the 98-365 MTA certification exam.

CTS 1334 Networking with Windows Server 3.00 Credits

Prerequisite: CTS 1328 . The goal of this course is to provide students with the knowledge and skills necessary to implement a core Windows server network infrastructure in an existing enterprise environment. The course is intended for systems administrators or systems engineer candidates who are responsible for administration tasks necessary to maintain a Windows Server network infrastructure. The course is intended to provide the skills and knowledge necessary to sit for the 70-741 MCSA certification exam.

CTS 1411 Fundamentals of Information Storage and Management 3.00 Credits

Prerequisite: (CET 1610 or CTS 1328 or CNT 1000) . This course covers modern storage infrastructure technology and management including: challenges and solutions for data storage and data management, intelligent storage systems, storage networking, backup, recovery, and archive, business continuity (BC) and disaster recovery, security and virtualization, managing and monitoring the storage infrastructure. Best practices for security policies of cloud resources including permissions, privileges and storage management are analyzed and performed.

CTS 2106 Fundamentals of the Linux/Unix Operating Environment 3.00 Credits

Prerequisite: COP 1000 or CNT 1000 or CET 1600 or CTS 1328 or CET 1172C . This course is designed to teach students how to use basic Linux/Unix Operating System commands. The course is for new users of the Linux/Unix Operating System. Students learn file system navigation, file permissions, text editors, and command line administrative tasks. Major topics covered include accessing files and directories, executing directory and file commands, searching for files and text, file system security, text editing, archiving user data, remote connections, system processes, and text filtering commands and accessibility technologies.

CTS 2321 Linux System Administration 3.00 Credits

Prerequisite: CTS 2106 . This course is designed to teach students the skills they need to effectively administer Linux servers. Students will plan, setup, and perform support tasks related to their individual Linux server. Major topics covered include files administration, processes, documentation, web based help resources, user accounts, secure shells and security procedures. Students will also configure, manage, troubleshoot, perform, create and maintain support tasks related to their individual Linux system to include printer management, TCP/IP parameters, network services, localization, and basic host security tasks.

CTS 2322 Linux System Administration II 3.00 Credits

Prerequisite: CTS 2321 . A continuation of Linux System Administration I, this course is designed to teach students the skills they need to effectively administer Linux systems. Students will configure, manage, troubleshoot, perform, create and maintain support tasks related to their individual Linux system. Major topics covered include printer management, CUPS, TCP/IP parameters, network services, NTP, NFS, MTA, localization, and basic host security.

CTS 2370 Configuring and Managing Virtualization 3.00 Credits

Prerequisite: CTS 1411 . This course equips students with the knowledge, skills, and abilities to build and run a virtualized networking environment. It focuses on the installation and configuration of various virtual hosts and virtual servers. It also focuses on the management of virtualized hosts and virtual machines using various hypervisors. This course helps prepare students to achieve the status of VMware® Certified Professional.

CTS 2417 Data Visualization Techniques 3.00 Credits

Prerequisite: (CGS 1515) . This course introduces students to key design principles and techniques for interactively visualizing data. In addition to understanding how visual representations are used in the analysis and understanding of complex data, students will acquire data visualization skills including designing effective visualizations and creating interactive visualizations using spreadsheets.

CTS 2433 SQL Database Design & Programming 3.00 Credits

Prerequisite: COP 1000 . This course is designed to familiarize students with SQL (Structured Query Language) in a relational database environment to include database programming and development. A series of database application assignments using SQL commands is designed to promote competency in ER (Entity Relationship) database modeling, database creation, database programming, and database optimization. The objective is to build a working knowledge and hands-on understanding of SQL.

CTS 2450 Introduction to Business Intelligence 3.00 Credits

Prerequisite: CTS 2433 and CTS 2417 . This course provides the fundamental concepts and methods needed to understand the emerging role of business intelligence and analytics in organizations. The student will learn how to apply basic business intelligence analytical methods including descriptive and predictive techniques.

CTS 2455 Data Modeling and Logical Design 3.00 Credits

Prerequisite: CTS 2433 . This is a foundational course in which students will extend knowledge beyond the physical storage of data to the modeling of the environment that will ultimately become a database. The focus is on the logical design of that environment. Topics covered will include the architecture and components of a database, entity-relationship modeling, enhanced entity-relationship modeling, and the relational data model. Additional coverage will encompass database normalization to include functional dependencies and the transition of the model from logical to physical form.

CTS 2940 Cybersecurity Internship 3.00 Credits

Permission of the Program: : . The purpose of this course is to allow students a real world experience with major-related, supervised, evaluated practical work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. (Note: The student must fulfill the requirement of 180 on-the-job hours in addition to written assignments.)

CTS 4124 Threat Detection and Mitigation 3.00 Credits

Admission to: (TMGT-BAS: Technology Development and Management or) CYSEC-BAS: Cybersecurity . This course examines threats to computer networks, network vulnerabilities, techniques for strengthening passive defenses, tools for establishing an active network defense, and policies for enhancing forensic analysis of crimes and attacks on computer networks. Topics include private and public key cryptography, digital signatures, secret sharing, security protocols, formal methods for analyzing network security, electronic mail security, firewalls, intrusion detection, internet privacy and public key infrastructure. This course contains foundational coverage in preparing for CompTIA's CySA+. Students will need additional remediation to ensure success on the exam.

CTS 4454 Business Intelligence and Data Mining 3.00 Credits

Prerequisite: ISM 4545 and CAP 4770 and Admission to: TMGT-BAS: Technology Development and Management . This course is designed to introduce students to business intelligence concepts and provide students with an understanding of data warehousing and data mining along with associated techniques and their benefits to organizations of all sizes.

DAA 1100 Modern Dance I 1.00 Credits

This course includes elementary modern dance techniques and the basic elements of design and the fundamental factors related to movement. In addition to learning the basic principles of proper body alignment, balance and rhythm, an overview of the historical background of modern dance will be provided. No dance experience is necessary for the successful completion of the class. (Note: This course may be taken up to 6 times for a total of 6 credits.)

DAA 1200 Ballet I 1.00 Credits

This course is an introduction to techniques at the barre using basic foot, arm and body positions. Basic center work is also included. (Note: This course may be taken up to 6 times for a total of 6 credits.)

DAA 1500 Jazz Dance I 1.00 Credits

This course is an introduction to the jazz style of dance in which the student coordinates movements with isolated parts of the body. In addition to learning the basic principles of proper body alignment, balance and syncopation, an overview of the history of jazz dance will be provided. No prior dance experience is necessary for the successful completion of the class. (Note: This course may be taken up to 6 times for a total of 6 credits.)

DAA 1680 Dance Repertory I 1.00 Credits

This course enables students of dance to earn academic credit for their participation in a public dance presentation. Through intensive rehearsal and performance experiences the student will acquire skills in movement, human understanding, cooperation and self discipline. Minimum of 2 hours required during rehearsal periods. Additional hours may be required during production weeks. (Note: This course may be taken up to 6 times for a total of 6 credits.)

DAA 2101 Modern Dance II 1.00 Credits

Prerequisite: DAA 1100 or Permission of the Program. This course is a continuation of Modern Dance I and is geared toward intermediate level combinations of movement which promote the understanding of modern dance theory and technique. (Note: This course may be taken up to 6 times for a total of 6 credits.)

DAA 2201 Ballet II 1.00 Credits

Prerequisite: DAA 1200 or Permission of the Program: : . This course is a continuation of Ballet I, an intermediate course in classical ballet with emphasis on the balletic style. (Note: This course may be taken up to 6 times for a total of 6 credits.)

DAA 2681 Dance Repertory II 1.00 Credits

This course enables students of dance to earn academic credit for their participation in a public dance presentation. Through intensive rehearsal and performance experiences the student will acquire skills in movement, human understanding, cooperation and self-discipline. Some touring experiences may be provided. Audition or permission of instructor required. Four hours per week is the minimum requirement during rehearsal times. Additional hours may be required during production weeks. (Note: This course may be taken up to 6 times for a total of 6 credits.)

DAN 1768 Applied Lessons in Alexander Technique 2.00 Credits

Private instruction. No audition required. This course includes elementary Alexander techniques, basic elements of kinesthetic awareness and injury prevention. In addition to learning the basic principles of proper body alignment, students will recognize and release habits of movement and thinking that cause tension and hinder movement. In addition, this course will include a study of anatomy and body alignment, the writings of F. M. Alexander and others related to the Alexander Technique. No experience is necessary for the successful completion of the class. (Note: This course may be taken up to 3 times for a total of 6 credits.)

DEH 1000 Introduction to Dental Hygiene 2.00 Credits

Admission to: DENHY-AS: Dental Hygiene and Prerequisite: (MCB 2010 and MCB 2010L or MCB 2010CH and) Pre or Corequisite: DES 1020 and DES 1020L . This course is designed to acquaint the student with the role of a dental hygienist and provide the background information and knowledge necessary to function in subsequent clinical dental hygiene courses.

DEH 1003 Dental Hygiene I 2.00 Credits

Prerequisite: DEH 1000 and DES 1020 and DES 1020L and Pre or Corequisite: DEH 1003L . This course is designed to provide the student with knowledge of the basic principles of instrumentation, instrument design, and fundamental skills necessary to perform in subsequent clinical dental hygiene courses.

DEH 1003L Dental Hygiene I Clinic 4.00 Credits

Prerequisite: DEH 1000 and DES 1020 and DES 1020L and Pre or Corequisite: DEH 1003 . This course is designed to apply the basic principles of instrumentation, instrument design, and fundamental dental hygiene skills in a clinical setting; the method of instruction is competency-based and individually guided. (Note: Two four-hour clinics weekly).

DEH 1130 Oral Histology and Embryology 2.00 Credits

Prerequisite: BSC 2086 and BSC 2086L and DES 1020 and DES 1020L . This course is a comprehensive study of the specific tissues and cells comprising the anatomical parts of the oral cavity and an investigation of the embryonic development of these tissues and related facial and oral structures.

DEH 1710 Biological Chemistry & Applied Nutrition 1.00 Credits

Prerequisite: BSC 2086 and BSC 2086L and DEH 1130 . This course presents the biochemical aspects of nutrition and an overview of organic chemistry as applied to the practice of dental hygiene. Included are basic principles of nutrition, knowledge of the principle nutrients in foods and their utilization by the body. Emphasis will be placed on the practical aspects of nutritional counseling and the control of oral disease.

DEH 1720 Preventive Dentistry 2.00 Credits

Prerequisite: DEH 1000 . This course is designed for the dental hygiene student to develop knowledge of the oral physiotherapy aids and methods for health promotion, disease prevention and patient education.

DEH 1800 Dental Hygiene II 2.00 Credits

Prerequisite: DEH 1000 and DEH 1003 and DEH 1003L and Pre or Corequisite: DEH 1800L . This course is designed to further the student's knowledge of dental hygiene practice including ultrasonic instrumentation, theory and technique of instrument sharpening, dental hygiene care planning, dental charting, and patients with special needs.

DEH 1800L Dental Hygiene II Clinic 4.00 Credits

Prerequisite: DEH 1003 and DEH 1003L and Pre or Corequisite: DEH 1800 . This course will provide clinical experience in total patient care. Emphasis will be placed on instrumentation, radiographic techniques, patient education and treatment planning. 180 contact hours.

DEH 2300 Dental Pharmacology 2.00 Credits

Prerequisite: DEH 1800 . This course will provide students the basic concepts in general pharmacology including drug classifications, interactions, indications and contraindications. It surveys drugs commonly encountered in the dental office with a special emphasis given to drug actions affecting dental treatment procedures.

DEH 2400 General and Oral Pathology 2.00 Credits

Prerequisite: DES 1020 and DES 1020L . This course provides principles of general pathology in relationship to the diseases of the teeth, soft tissues, supporting structures of the oral cavity, and peri-oral tissues. The importance of recognition of normal and abnormal conditions in the head and neck by the dental hygienist is emphasized.

DEH 2602 Periodontics I 2.00 Credits

Prerequisite: (MCB 2010 and MCB 2010L or MCB 2010CH and) DEH 1130 and DES 1020 and DES 1020L and Pre or Corequisite: DEH 1800 and DEH 1800L . This course is a comprehensive study of the etiology, assessment, classification, and treatment of periodontal diseases, and the maintenance of the periodontal patient. The dental hygienist's role in the assessment and treatment modalities will be emphasized.

DEH 2604 Periodontics II 2.00 Credits

Prerequisite: DEH 2602 . This course will encompass the continuation of the study of some of the periodontal risk factors involved in periodontal disease, the assessments, the therapies, and the dental hygienist's role in risk assessment and treatments. The utilization of case studies and research in discussing evidence-based care planning will be presented.

DEH 2701 Community Dental Health 3.00 Credits

Prerequisite: DEH 2802L . This course is an introduction to the study of attitudes, skills and behaviors pertinent to dental health and the prevention of dental disease through organized community-based programs. Students will be responsible for developing a preventive oral health program using assessment, planning, implementation and evaluation procedure and will be able to critique research articles and understand all aspects of dental public health.

DEH 2702C Community Dental Health Practicum 1.00 Credits

Prerequisite: (DEH 2701 or Pre or Corequisite: DEH 2701) . This practicum provides the student with the opportunity to apply the principles of public and community dental health. The student will assess, plan, implement and evaluate community based oral health programs, which will include health promotion and disease prevention activities.

DEH 2802 Dental Hygiene III 1.00 Credits

Prerequisite: DEH 1800 and DEH 1800L . This course is designed to introduce students to the principles of dental hygiene practice management, interprofessional education, soft communication skills and to table clinic presentations.

DEH 2802L Dental Hygiene III Clinic 3.00 Credits

Prerequisite: DEH 1800 and DEH 1800L . This course will provide ongoing clinical experience in total patient care. Instrumentation, radiographic skills, patient education and treatment planning will again be emphasized.

DEH 2804 Dental Hygiene IV 2.00 Credits

Prerequisite: DEH 1800 and DEH 1800L and DEH 2802 . This course is designed to expand students' knowledge of dental hygiene practice including special needs patients, expanding functions and various adjunctive services.

DEH 2804L Dental Hygiene IV Clinic 4.00 Credits

Prerequisite: DEH 2802L . This course will provide ongoing experience in total patient care. Treatment parameters will be increased to include expanded functions as well as treating patients with special needs.

DEH 2806 Dental Hygiene V 2.00 Credits

Prerequisite: DEH 2804 and Pre or Corequisite: DEH 2806L . This course is designed to provide knowledge of professional ethics and legal responsibilities, professional organizations, state dental practice acts and continuing education regulations and requirements. Dental office management will be introduced to provide dental hygiene students with the business and professional skills necessary to practice in an office and/or alternate practice setting.

DEH 2806L Dental Hygiene V Clinic 5.00 Credits

Prerequisite: DEH 2804L . This course will enable the student to incorporate all the techniques and modes of treatment previously acquired. Emphasis will be placed on continuity of quality patient care, time efficiency and professional decision making in rendering dental hygiene services.

DEH 3000 Upper Division Dental Hygiene Credit 10.00 Credits

Credits granted by SPC if student has a valid Dental Hygiene License

DEH 3730 Dental Hygiene Educational Concepts 3.00 Credits

Admission to: DENH-BAS: Dental Hygiene or Permission of the Program: : and Pre or Corequisite: DEH 3813 . This course is designed to provide the student with an introduction to educational concepts and theory relative to dental hygiene education. Topics included are principles of learning, learning styles and motivation, mechanics of course development and design, educational instruction methods, using educational media and software, and student evaluation Emphasis will be on presenting the basic concepts of educational planning, development and evaluation.

DEH 3813 Contemporary Issues in Dental Hygiene 4.00 Credits

Admission to: DENH-BAS: Dental Hygiene or Permission of the Program: : . This course is designed to update the student with the changing trends in the dental hygiene profession. The role of the dental hygienist is to keep up with new systems in health care delivery, changing technology, increased geriatric population and a more informed public. Through this course and group projects, the student will begin developing skills in research and educational presentation.

DEH 3814 Introduction to Dental Hygiene Research 4.00 Credits

Prerequisite: DEH 3813 or Permission of the Dean . This course is an overview of the role and scope of research as it relates to the formation of dental hygiene knowledge and the application to dental hygiene practice. Focus is on basic strategies, methodologies, and the types of research design. Thoughtful analysis of current oral health research is included.

DEH 4607 Advanced Periodontics 4.00 Credits

Prerequisite: DEH 3814 and Admission to: DENH-BAS: Dental Hygiene or Permission of the Program: : . This course will expand on the student's existing knowledge of current concepts in etiology, risk factors, assessment, treatment planning, implementation and evaluation of contemporary treatment modalities and maintenance therapy. The interrelationship of periodontal treatment with other dental specialties will be discussed along with an investigation of the periodontal literature. Emphasis will be placed on the dental hygienist's role in periodontal therapy.

DEH 4851 Practice Management for the Dental Hygienist 3.00 Credits

Prerequisite: DEH 3814 and Admission to: DENH-BAS: Dental Hygiene or Permission of the Program. This course is designed to assist the dental hygienist in understanding and applying the principles of management related to a dental hygiene practice and other healthcare settings. The concepts of patient, office and dental team management will be explored. Strategies will be presented on the marketing and promoting of dental services and dental products to dental professionals and the general public.

DEH 4852 Advanced Ethics in Dental Hygiene 3.00 Credits

Prerequisite: DEH 3813 and Admission to: DENH-BAS: Dental Hygiene or Permission of the Program. This course will explore the ethical behavior in various health care settings. Students will analyze decision making models, theories, values, and professional obligations and apply them to their roles as health care professionals.

DEH 4854 Leadership in Dental Hygiene 3.00 Credits

Pre or Corequisite: DEH 4851 and Admission to: DENH-BAS: Dental Hygiene . This course focuses on the theories, concepts and principles of leadership. Emphasis will be on the development of leadership skills related to personal behavior, communication, organization and self-examination. This course explores opportunity to develop leadership roles appropriate to the dental hygiene profession.

DEH 4901 Independent Study in Dental Hygiene 1.00 - 3.00 Credits

Permission of the Program. This course may be taken to satisfy dental hygiene credits required for graduation. It provides an opportunity for an individual or small group of students to systematically validate the programs outcomes. In addition, current concepts in dental hygiene care will be discussed. It may involve a case study or other project that provides an opportunity for increasing breadth or depth of knowledge or skill.

DEH 4947 Dental Hygiene Capstone 7.00 Credits

Prerequisite: DEH 4607 and DEH 4851 and HSC 3201 and Admission to: DENH-BAS: Dental Hygiene or Permission of the Program. This course is designed to provide students an opportunity to apply their knowledge of a chosen professional role through teaching, internship, observation or work experience. This course will use selected sites on and off campus to develop the expanding role of the dental hygienist in the health care system.

DEP 2004 Developmental Psychology of the Life Span 3.00 Credits

Prerequisite: PSY 1012 . This course is a study of human development from conception to death. Emphasis is on the ongoing changes which result from the interaction of inherited and environmental factors, and on the uniqueness of the individual. The course examines the ways in which age, gender, ethnicity and race affect development. This course has a substantial writing requirement.

DEP 2102 Child Development 3.00 Credits

Prerequisite: PSY 1012 . This course is an in-depth study of the development of children from conception through adolescence. It includes the major theories, research methodology, genetic and environmental influences, and stages and domains of development. Consideration is given to gender, cultural, and ethnic influences on development. (Note: This course has a substantial writing requirement. Credit is only given for PSY 1012 or PSY 1020H.)

DEP 2949 Co-op Work Experience 1.00 - 3.00 Credits

Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. (Note: This course may be taken up to 12 times for a total of 12 credits.)

DEP 3305 Psychology of Adolescence 3.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership and Prerequisite: (PSY 1012 or PSY 1012H) . This course is designed to focus on the various theories regarding the physical and psychosocial development of children ranging from pre-adolescence to adolescence. The course follows the social, emotional, cognitive, moral, and physical development of youth during this critical time and will consider the influences of biology, family, culture, school, and peers. Significant issues facing adolescents today are addressed. Emphasis is placed on the interaction between the role of the teacher and the needs and learning styles of students at these various developmental ages and stages. (Note: A minimum of 5 field-based or school-based hours of observation/teaching specifically are required.)

DES 1020 Orofacial Anatomy 2.00 Credits

Admission to: DENHY-AS: Dental Hygiene and Pre or Corequisite: DES 1020L . This course is the study of skeletal, muscular, circulatory, nervous and glandular structures of the head, neck and oral cavity. Also included is the study of macroscopic anatomy and morphology of the hard and soft tissues of the oral cavity.

DES 1020L Orofacial Anatomy Laboratory 1.00 Credits

Admission to: DENHY-AS: Dental Hygiene and Pre or Corequisite: DES 1020 . This course is designed to enable students to identify the teeth and orofacial structures, including morphology of hard and soft tissues of the oral cavity, head and neck, and their surrounding structures. Experience with clinical examination of these structures is also included.

DES 1200 Dental Radiography 2.00 Credits

Prerequisite: DES 1020 and DES 1020L and Pre or Corequisite: DES 1200L . This course provides the fundamental background and theory for the safe and effective use of ionizing radiation as it relates to dentistry. It encompasses the history of x-rays, production and uses of radiation, dental radiographic film, exposure factors, interpretation of dental radiographs, and radiation protection.

DES 1200L Dental Radiography Laboratory 1.00 Credits

Prerequisite: DES 1020 and DES 1020L and DEH 1000 and Pre or Corequisite: DES 1200 . In this laboratory course, emphasis is placed on competency in exposing diagnostically acceptable dental images. Laboratory sessions provide experience in the use of x-ray machines, various exposure projections and techniques, processing, mounting, interpreting and critiquing dental radiographs.

DES 1601 Emergencies in Dental Hygiene 1.00 Credits

Pre or Corequisite: DEH 1000 . This course is designed to provide students with an understanding of basic dental medical emergencies. Special emphasis will be placed on etiology, sign, treatment and prevention of emergencies in the dental hygiene environment.

DES 2100 Dental Materials 2.00 Credits

Prerequisite: DEH 1003 and DEH 1003L and Pre or Corequisite: DES 2100L . This course is a study of the chemical, physical and biological properties of materials used in dentistry, as well as their manipulation and utilization.

DES 2100L Dental Materials Laboratory 1.00 Credits

Prerequisite: DEH 1003 and DEH 1003L and Pre or Corequisite: DES 2100 . This course is a practical, hands-on approach to dental materials to enhance the students' understanding of the physical and chemical properties of the materials.

DIG 1004C Exploration of Media Tools 3.00 Credits

This course prepares the incoming student for the basic skills needed for success in Digital Media and Internet & Web programs. It is highly recommended that students have a basic level of competency in utilizing computer input devices such as a computer keyboard, mouse, or touchscreen.

DIG 1710 Introduction to Game Development Programming 3.00 Credits

Prerequisite: DIG 1004C . This course explores programming as it relates to game development. The students will develop programming skills necessary to create simple game programs in one or more programming languages. This course includes a survey of programming languages that could be used for game development. The students will develop problem solving skills necessary to become competent in the design of computer game programs.

DIG 2000 Introduction to Digital Media 3.00 Credits

Prerequisite: computer competency met. . This is a survey course designed to introduce the concepts of digital multimedia. Students will explore the path of contemporary digital design, highlighting the importance of process, innovation and communication. Students will be introduced to the history, principles and processes associated with digital media and designing for digital media, with emphasis on production. Students will be exposed to different areas of multimedia that include text, images, audio, video, various software programs, and animation. Students will have the opportunity to manipulate text, capture images,

edit audio, create video, and design simple animations. Students will combine the components to design and develop several digital media presentations.

DIG 2030 Survey of Digital Video 3.00 Credits

This course introduces the student to the foundational concepts of digital video. Topics to be covered include video basics, digital video (DV) technology, system configuration, the development process, editing, production, effects and presentation. A variety of digital video development tools will be explored. The course also delves into alternative applications of the technology behind the medium, and looks at the past and the future in the hopes of gleaning more insights into what is fast-becoming a major growth area of the worldwide entertainment industry.

DIG 2040 Survey of Game Development 3.00 Credits

Prerequisite: DIG 2000 . This course is an introductory overview of the electronic game development process and underlines the historical context, content creation strategies, and future trends in the industry. The course will also explain how games are produced, tested and released. The student will create several documents related to developing storylines and characters. To become more familiar with the gaming industry, the student will be required to play and analyze several contemporary games. Different gaming genres will be explored to help understand various strategies and levels. In addition, this course will explore the entertainment market and gaming career fields.

DIG 2091 Legal Issues in Media Development 2.00 Credits

Prerequisite: computer competency met. This course will explore the most important aspects of intellectual property law, particularly copyright law, and their relationships to multimedia production. The course will explore ethical issues relating to both content and distribution of such productions.

DIG 2100 Web Design I 3.00 Credits

Prerequisite: computer competency met. . This course introduces basic concepts, issues and techniques related to designing, developing and deploying Web sites using current Web standards. During the course, students will explore Web design, HyperText Markup Language (HTML), Extensible Hypertext Markup Language (XHTML) and Cascading Style Sheets (CSS). Students will author World Wide Web sites using markup and development software. Students will be introduced to Web design theory by focusing on various concepts such as layout, typography, color theory, and usability. This course places a heavy emphasis on individual page design and layout. Current mobile Web design trends will also be explored. The students will have the opportunity to develop and publish a Web site from initial concept to publication.

DIG 2109 Digital Imaging Fundamentals 3.00 Credits

Pre or Corequisite: DIG 1004C . This course is a foundation course in computer-aided graphics. This course addresses techniques, applications, formats and concepts necessary to build graphics to be used in digital media presentations. Software used by professional media developers to create images for digital media applications will be used in this class.

DIG 2115C Digital Imaging 3.00 Credits

Pre or Corequisite: PGY 2800C or Permission of the Program. This is a computer-based course designed to develop the students' skills in digital image editing. Students will learn through the use of the computer how to create, edit and manipulate digital images from scanned photographs and artwork. Students will utilize retouching techniques to modify, enhance and reshape images, apply special effects, adjust color balance, do file management, and prepare their work for print output and electronic presentation.

DIG 2116 Advanced Digital Image Editing 3.00 Credits

Prerequisite: DIG 2109 . This course explores advanced bitmapped image processing techniques. Students will learn how to prepare images for various output venues, including print, Web and multimedia publishing. Projects focus on resolution, color management, image and texture creation, and special effects. Software used by professional media developers to create images for digital media applications will be used in this class.

DIG 2117 Advanced Digital Image Rendering 3.00 Credits

Prerequisite: GRA 1206C . This course explores advanced vector image processing techniques. Students will learn how to prepare images for various output venues, including print, Web and multimedia publishing. Students will learn through the use of the computer how to create, select, manipulate and arrange graphic objects used in advanced computer illustrations. Projects focus on design, color management, image and texture creation, and special effects. Software used by professional media developers to create images for digital media applications will be used in this class.

DIG 2131 Digital Art and Design 2.00 Credits

Prerequisite: DIG 1004C and Pre or Corequisite: DIG 2000 and (ART 1300C or DIG 2183C) . Working within a digital format, students explore design principles and develop techniques unique to computer graphics applications. Students will become familiar with the creative process and establish an appreciation for design aesthetic as it applies in a digital medium.

DIG 2132 Electronic Media Design 3.00 Credits

Prerequisite: (ART 1300C or DIG 2183C and) GRA 1206C and DIG 2109 and DIG 2116 and DIG 2117 . This course expands the students' understanding and process of graphic problem solving as related to electronic media. Through the use of graphic software applications, the student will develop the essential correlation of form and content as it relates to the visualization of creative design solutions. Students will build upon skills learned in prerequisite courses and will select and apply various techniques appropriate for dynamic image creation. Students will research and analyze clients' needs and goals, and apply the design process to develop successful communication solutions. Students will devise and produce digital graphic creations that emphasize the effective use of layout, design, typography, and digital graphic techniques to solve specific communication challenges unique to the digital design industry.

DIG 2183C Digital Drawing 3.00 Credits

Exploration of digital vector and raster based illustration and design. Students synthesize traditional drawing and illustration skills with digital tools. Includes study of digital imaging, drawing systems, color theory, and idea generation.

DIG 2200 Basic Video Camera 3.00 Credits

Prerequisite: DIG 2030 . This is a video production course designed to introduce the concepts of basic videography. Students will be exposed to different types of pro-sumer video cameras, composition styles, lighting techniques and safety concerns. Students will have the opportunity to learn hands-on, how to operate digital and analog television cameras. They will learn to combine all of these aspects of production into shooting professional videotape for edited video presentations.

DIG 2205 Basic Video Editing 3.00 Credits

Prerequisite: DIG 2030 . This course introduces the student to the basic working concepts of the art of editing through the use of a non-linear video editing system. Topics to be covered include: capturing both digital and analog video, organizing a new project, storing video clips, explaining the browser, viewer, canvas and timeline. Students will experience hands on instruction in the use of the above elements, which will result in the ability to log and capture, edit with straight cuts and simple effects, and output the final product to tape. Students will also be exposed to some of the more advanced features of an editing program including special effects, composing, text and titling.

DIG 2251 Sound For Media 2.00 Credits

Prerequisite: computer competency met. This course is designed to introduce tools for music and sound exploration in the areas of web, video, animation, and video games. Students will develop knowledge of basic digital audio concepts, audio processing principles, automated control of audio parameters concepts, plus digital audio production as relates specifically to the field of multimedia. All areas of course content will be applied to practical applications through project-oriented assignments.

DIG 2284 Advanced Videography 3.00 Credits

Prerequisite: DIG 2200 and DIG 2205 . This is a capstone course. This is a video production course designed to introduce the concepts of advanced videography. Students will be exposed to different types of prosumer video cameras, composition styles, lighting techniques and safety concerns. Professional video editing skills will also be taught. Special emphasis will be given to

creating complicated video projects with fixed deadlines. Before course completion, students will be able to demonstrate an ability to organize, video tape, and edit complicated video productions for on-air or large presentation purposes.

DIG 2290 Studio Production & Direction 3.00 Credits

Prerequisite: DIG 2030 . This course is an advanced studio television course expanding on the established general production skills acquired in DIG 2030. The course will introduce the student to theory, terminology, and operation of video production equipment in a television control room and studio environment, including broadcast studio cameras, digital studio production switcher, character generator console, digital audio mixer, videotape recorders, production microphones, studio lighting and lighting board operation, and basic engineering concepts of camera control units, time based correctors, and calibration through waveform and vectorscope monitors. Content includes real time camera movements and the process of producing and directing studio productions facilitated through team engagement. Special effects will be demonstrated including chroma-key, wipes and dissolves. The fundamentals of studio scripting, pre-production planning and set and lighting design for studio productions will be covered within a digital production environment.

DIG 2302 Introduction to 3D 3.00 Credits

Prerequisite: DIG 2109 . This introductory course explores the basic concepts of 3D computer animation using industry standard software. The students will investigate the basic methods of modeling, shading, and texturing. Students will analyze and create light and shadows in a scene. The students will develop skills necessary to control the process of rendering and turning images into files that can be viewed. Students will understand the practice of making objects behave as if controlled by the real-world law of physics. Students will apply critical thinking and complete assignments that reinforce this important skill throughout the course.

DIG 2311 Motion Graphics I 3.00 Credits

Prerequisite: DIG 1004C . This is a digital media course designed to introduce the essentials of Motion Graphics, multimedia animation, video, digital media and the web. Students will be exposed to the new upgrades and fundamentals of motion graphics and digital techniques that include text, images, audio, and animation. Students will identify production methods for compositing basic motion control for high-quality, two-dimensional animation. Students will learn how to manipulate text, produce simple animations, and incorporate audio. Students will develop the skills necessary in animation, and essential visual production technology. They will learn to combine and integrate with other programs and have the components to save and publish to the Web and create web sites.

DIG 2342C Motion Graphics II 3.00 Credits

Prerequisite: DIG 2311 . This is a second level digital media course designed to expand beyond the essentials of Motion Graphics for multimedia animation, video, digital media and the web. Students will be exposed to the new upgrades and advances in motion graphics and digital techniques that include text, images, audio, and animation. Students will expand their knowledge of production methods, compositing basic and complex motion control for high-quality, two-dimensional animation. Students will learn how to manipulate text, produce complex animations, while incorporating sophisticated audio and video. Students will develop the skills necessary in advanced motion graphics, animation, and visual production technology. Students will learn second level skills needed to combine and integrate with other programs using enhanced web building skills. Student knowledge in the application of industry standards will be extended.

DIG 2364 3-D Animation for Game Development 3.00 Credits

Prerequisite: DIG 2430 . This course explores three-dimensional (3-D) animation as it relates to game development. The students will develop skills necessary to create character animation and motion. This course includes an in-depth analysis of a variety of 3-D skills such as compositing, modeling, animating, texturing, lighting and rendering using industry standard software programs. In addition, the students will develop the problem solving skills necessary to become competent in the area of 3-D design as related to game development.

DIG 2410C Basic Scripting for Videos 3.00 Credits

Prerequisite: DIG 2030 . This course introduces the student to the basic concepts of writing for visual media. Topics to be covered include understanding different visual presentations, the stages of script development, developing creative concepts, differences between fictional and non-fictional narratives, writing for multiple formats and writing for nonlinear programs for digital media.

DIG 2430 Storyboarding & Conceptualizing for Game Creation 3.00 Credits

Prerequisite: [GRA 2160](#) and [DIG 2040](#) . This course is an introductory overview of the foundation of game creation, storyboarding, conceptualizing, and the tools necessary in finalizing the development of a game. Specific areas include: game layout charts, storyboards, level layouts, environment illustrations, character designs, models sheets, and Graphical User Interface (GUI) designs. The course will introduce several 3-D programs to aid in the creation of 3-D concept art.

DIG 2500 Fundamentals of Interactive Design 3.00 Credits

Prerequisite: [DIG 2100](#) and [DIG 2311](#) . This course is a project-oriented introduction to concepts, methods, and technologies employed in Interactive Design for web and mobile. Subjects of study include interactive design concepts, design of the user interface/user experience (UI/UX), principles of human-computer interaction, design techniques, and the software used to create these interactive objects. Techniques for client-side scripting languages will also be covered.

DIG 2502C Interactive Design II 3.00 Credits

Prerequisite: ([DIG 2100](#) and Pre or Corequisite: [DIG 2500](#)) . This course extends the concepts, methods, and technologies learned in Fundamentals of Interactive Design. The course's project-based focus provides pathways to advanced interactive design techniques including eLearning and gamification. Modern design trends in interactive design as well as industry-leading technologies will be covered.

DIG 2545 Media Planning 2.00 Credits

Prerequisite: [DIG 2000](#) . This course introduces the student to various components of pre-production planning as it relates to producing Digital Media projects. The student will explore and develop assorted components and apply skills to determine knowledge by writing and creating rudimentary pre-production plans.

DIG 2560 Planning and Management of Digital Media Authoring 3.00 Credits

Permission of the Program: [:](#) . This course identifies the production pipeline of a digital project's workflow. It identifies and synthesizes the skills learned in the prerequisite courses to step through the developmental process. Students will research and analyze clients' needs and goals, and apply the pre-production and production process to develop effective solutions. Students will build a production book, budget, and a production schedule after completing the production process of a digital media and/or web presentations that utilize layout, design, graphic, digital media, and typography techniques to solve specific project challenges. The course will emphasize the complete phase of the production pipeline by following an actual project from conception through production. (Note: This course has been replaced with ENT 2612: Creativity and Innovation in a Business Environment.)

DIG 2580 Digital Media Portfolio 1.00 Credits

Permission of the Program: [:](#) . This course is designed to develop students' strategies for exploring and creating a dynamic digital portfolio for the Internet, DVD, and CD-ROM. The student will explore current tactics and practices used to display their best works and showcase projects completed throughout the Digital Media program. Students will research sites, create a storyboard and prototype, analyze the audience, determine the mood, create a site, and upload to a server. Students will also explore and implement various current techniques for electronic self-promotion. This is a capstone course designed to be taken the last semester of study. (Note: This course was replaced with DIG 2940: Digital Arts Internship.)

DIG 2940 Digital Arts Internship 1.00 - 3.00 Credits

Permission of the Program: [:](#) . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations. (Note: Course may be taken up to 3 times for a total of 3 credits.)

DSC 1002 Domestic & International Terrorism 3.00 Credits

Permission of the Program. This course introduces participants to various aspects of domestic and international terrorist organizations. The student will be introduced to basic principles of terrorist investigations, domestic security threats, and the motivational factors and tactics that drive these organizations. The student will learn techniques for evaluating their own organizations vulnerability against attacks that involve chemical, biological, hazmat, radioactive, or sabotage. Students will learn

the roles and responsibilities of state, local and federal agencies in terrorism investigations and responses. The course introduces participants to various aspects of domestic and international terrorist organizations.

DSC 1004 Introduction to the NRF and NIMS 3.00 Credits

This course introduces participants to the National Response Framework (NRF), specifies how the resources of the Federal Government will work in concert with state, local, and tribal governments and the private sector to respond to Incidents of National Significance. The NRF is predicated on the National Incident Management System (NIMS). This course will show how the NRF and the NIMS provide a nationwide template for working together to prevent or respond to threats and incidents regardless of cause, size, or complexity.

DSC 1033 Weapons of Mass Destruction 3.00 Credits

Permission of the Program. This course introduces participants to various types of weapons of mass destruction. The student will be introduced to basic principles of weapons of mass destruction recognition, identification, decontamination, and treatment protocols. The student will understand the importance of personal protective equipment and its proper uses and understand the toxicology, physical, and chemical properties associated with weapons of mass destruction.

DSC 1222 Psychological Management of Weapons Of Mass Destruction Victims 3.00 Credits

Permission of the Program. This course introduces participants to a general overview of terrorism and the potential psychological effect of terrorist events on victims. It will also provide emergency responders with appropriate skills to use at the terrorist scenes to mitigate the psychological impact on the victims. The course will address the effects of terrorist events on the emergency responders themselves and offer specific techniques that the responders can use in responding to victims and other responders.

DSC 1552 Critical Infrastructure Protection 3.00 Credits

Admission to: CJPSS-AS: Criminal Justice Technology Public Safety Services or EAM-AS: Emergency Administration and Management or HLS-CT: Homeland Security or EAM-CT: Emergency Administration and Management or Permission of the Program: : . This course introduces participants to the Critical Infrastructure Protection (CIP) process that is used to protect the people, physical entities, and cyber systems that are critical to many facilities. This course will guide students in the systematic protection of critical infrastructures. In addition, the course will introduce decision sequences that assist current and future leaders in determining the degree and type of protection necessary for various facilities. The course will introduce a time-efficient and resource-restrained practice that ensures the protection of only those infrastructures upon which survivability, continuity of operations, and mission success depend.

DSC 1562 Homeland Security Threat Strategy 3.00 Credits

Permission of the Program: : . This course deals with the problem of terrorism from a criminal justice perspective. It is designed to provide students with an understanding of the major issues associated with responding to terrorism in a democratic society. The course focuses on the threat of Terrorism to the United States. The course will review specific strategies used to deter terrorist threats to the United States. The course will also assess the relative effectiveness of antiterrorist activities.

DSC 1631 Terrorism Response Planning 3.00 Credits

Permission of the Program. This course introduces participants to various aspects of planning for potential terrorist activity. The student will be introduced to basic principles of emergency management, communications, security threats, and the effects these operations may have on personnel. The student will learn techniques for evaluating various operations for vulnerabilities to terrorist attacks. Students will gain knowledge of the roles and responsibilities of local agencies, federal agencies, and private seaport and maritime businesses during terrorism planning and response.

DSC 1751 Homeland Security Policy & Law 3.00 Credits

Permission of the Program. This course introduces participants to the major debates about balancing democratic freedoms with security - from the Patriot Act to Supreme Court decisions on detention powers. The course provides insight into legal strategies necessary to confront ongoing national security threats. The course examines laws designed to preserve both our security and our democratic way of life.

EAP 0200 Basic Listening/Speaking 0 Credits

This course is offered to students with an appropriate score on the standardized placement test for ESL. The course develops the students' ability to comprehend spoken English at a normal rate of speech and to express themselves accurately in a variety of situations. Emphasis is on listening for content, intonation, and rhythm patterns, imitating native speakers of English, and choosing appropriate expressions to handle everyday social encounters. (Note: Credit received for EAP 0200 cannot be used toward graduation.)

EAP 0295 Basic English as a Second Language I 0 Credits

This course is offered to students with an appropriate score on the standardized placement test for ESL. This course is for non-native speakers of English and is the first of the five ESL courses in written English. It is designed to develop skills in vocabulary, reading, grammar, and writing. In this course, students develop writing skills in the context of guided discourse on personal topics with an emphasis on logical thought and mechanics, and they learn to control basic grammatical structures and statement/question patterns. They also develop the ability to comprehend written text appropriate to this level with emphasis on developing reading skills and vocabulary. A variety of American and cross-cultural topics is discussed. (NOTE: Credit for EAP 0295 cannot be used toward graduation.)

EAP 0300 Intermediate Listening/Speaking I 0 Credits

Prerequisite: EAP 0200 or an appropriate score on the standardized placement test for ESL . In this course students will further develop the ability to comprehend spoken English and to express themselves more accurately and fluently on a variety of social and academic topics. They develop speaking and listening skills necessary for participating in classroom discussions with an emphasis on clarification through rewording and asking questions. Emphasis is on active listening for discrete points and main ideas and summarizing. (Note: Credit received for EAP 0300 cannot be used toward graduation.)

EAP 0395 Basic English as a Second Language II 0 Credits

Prerequisite: EAP 0295 or an appropriate score on the standardized placement test for ESL . This college preparatory course for non-native speakers of English is the second of the five ESL courses in written English. It is designed to develop skills in vocabulary, reading, grammar, and writing. A variety of American and cross-cultural topics is discussed. (Note: Credit for EAP 0395 cannot be used toward graduation.)

EAP 0400 Intermediate Listening/Speaking II 0 Credits

Prerequisite: EAP 0300 or an appropriate score on the standardized placement test for ESL . In this course students will continue to develop speaking and listening skills necessary for participation in classroom discussions, oral presentations, and an introduction to critical listening skills. Emphasis is on active listening for discrete points and main ideas, note taking, summarizing, and giving prepared and extemporaneous speeches. 62 contact hours. (Note: Credit received for EAP 0400 cannot be used toward graduation.)

EAP 0495 Intermediate Academic English as a Second Language 0 Credits

Prerequisite: EAP 0395 or an appropriate score on the standardized EAP placement test . The third of five ESL courses, this college preparatory course is designed to enhance basic skills in reading, writing, structure, and vocabulary building. Students develop the ability to write more sophisticated structured academic paragraphs in various rhetorical modes and execute other academic writing tasks. They continue to develop academic reading abilities, including texts on contemporary and literary topics with an emphasis on extensive reading and the enhancement of critical reading skills. They also develop the ability to use intermediate-level grammatical structures appropriate to classroom discussion, oral presentation and the writing of more sophisticated academic paragraphs with an emphasis on increased accuracy. Group interaction, critical thinking skills, and appreciation of cultural differences in learning approaches are incorporated in instructional techniques. (NOTE: Credit for EAP 0495 cannot be used toward graduation.)

EAP 1500 Advanced Listening/Speaking 3.00 Credits

Prerequisite: EAP 0400 or an appropriate score on the standardized placement test for ESL . Students enhance their aural comprehension skills in both academic and social settings by listening to taped lectures and news broadcasts, radio and television shows, and guest speakers. They develop communication, organization and pronunciation skills necessary for effective academic presentation and discussion with an introduction to lecture note taking. Emphasis is also placed on accent reduction as students

focus on sound discrimination and oral production of English. Oral communication skills are further developed as students practice interviewing, summarizing, and giving presentations and take part in group problem-solving activities. (Note: A total of 12 credits from EAP 1695 and EAP 1500 can be used for graduation credit.)

EAP 1501 English Pronunciation 0 Credits

Prerequisite: EAP 0400 or an appropriate score on the standardized placement test for ESL or by permission of the program director. . This course is designed to improve students' pronunciation of American English, including stress, rhythm, and intonation. Students analyze the phonetic structure of vowel and consonant sounds and practice correctly pronouncing sounds and patterns in context. (Note: This course does not count toward graduation credit.)

EAP 1595 Advanced English as a Second Language I 0 Credits

Prerequisite: EAP 0495 or an appropriate score on the standardized placement test for ESL . The fourth of five ESL courses, this college preparatory course is designed to enhance advanced skills in reading, writing, structure, and vocabulary building. Students develop the ability to write structured academic essays with an emphasis on accuracy and cohesiveness and execute other academic writing tasks. They develop the ability to comprehend lengthier texts on diverse academic topics by applying appropriate reading strategies, and they develop the ability to use complex grammatical structures appropriate to effective academic discourse, including discussions and essays. Group interaction, critical thinking skills, and appreciation of cultural differences in learning approaches are incorporated in instructional techniques. (Note: Credit for EAP 1595 cannot be used toward graduation.)

EAP 1685 Advanced ESL III: Integrated Skills 3.00 Credits

Prerequisite: EAP 1595 or Appropriate score on SPC Placement Test and Pre or Corequisite: ENC 1101 . This advanced English as a Second Language integrated skills course is designed for students to increase and refine academic reading, writing, grammar, and information literacy skills while simultaneously enrolled in ENC1101, Composition 1. Students will refine grammar, sentence structure and research, reading and writing strategies in a variety of rhetorical structures and college content areas. Aural comprehension and oral production are likewise enhanced for effective note-taking, discussions and presentations. Group interaction, critical thinking skills, use of online resources and appreciation of cultural differences in learning approaches are incorporated in instructional techniques. (Note: Credit is only given for EAP 1685 or EAP 1695.)

EAP 1695 Advanced English as a Second Language II 9.00 Credits

Prerequisite: EAP 1595 or Other: an appropriate score on the standardized placement test for ESL. . As the last course in English as a Second Language, this component is designed to increase and refine skills in reading speed, comprehension and retention; in writing organization, fluency, clarity and style; and in understanding and applying advanced grammatical concepts to enhance both comprehension and expression in English. Group interaction, critical thinking skills and appreciation of cultural differences in learning approaches are incorporated in instructional techniques. (Note: A total of 12 credits from EAP 1695 and EAP 1500 can be used for graduation credit. Credit is only given for EAP 1685 or EAP 1686 or EAP 1695.)

ECO 2000 Introduction to Economics 3.00 Credits

Prerequisite: (ENC 0025 or ENC 0056) and (REA 0017 or REA 0056) or EAP 1695 or appropriate score on the college placement test. . This course is designed to provide students with a general knowledge of the structure and function of economic systems with major emphasis on the American economy and its current economic problems. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements.) Testing

ECO 2013 Principles of Macroeconomics 3.00 Credits

This is a course in economic principles involving the overall operation of the market economy. Particular attention will be given to the effects of aggregate demand and aggregate supply on the levels of output, employment, and prices. This course will also examine how the tools of fiscal and monetary policy may be used in dealing with macroeconomics problems such as unemployment, inflation and economic fluctuation. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for ECO 2013 or ECO 2013H.) Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

ECO 2013H Honors Macroeconomics 3.00 Credits

Prerequisite: appropriate score on the college placement test. or Other: acceptance into the Honors College. or Permission of the Program. In this course macroeconomic principles are used to analyze the operation of the market economy. The course will examine the effects of fiscal and monetary policies on aggregate demand and aggregate supply and consequently on the levels of output, employment, and prices. Emphasis will be placed on discussion of contemporary macroeconomic problems and issues. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for ECO 2013 or ECO 2013H.)

ECO 2023 Principles of Microeconomics 3.00 Credits

Prerequisite: (ECO 2013 or ECO 2013H or) Permission of the Program: : . This course is a study involving the theory of the business firm in the market economy. Major emphasis will be placed on the theory of price and output determination under different market situations, as well as consumer demand and behavior in market economies. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for both ECO 2023 or ECO 2023H.)

ECT 4004 History & Principles of Career and Technical Education 3.00 Credits

Permission of the Program: : . This course is an overview of current policies and principles in career and technical education including the historical, sociological, and philosophical bases. Topics include the impact of legislation, role of career and technical education in promoting democratic ideals, administrative structures at the national, state and district level, role of advisory committees, professional educator and student organizations, and critical issues affecting career and technical education. (Note: This is one of the four courses required to complete the professional preparation requirements for newly employed career and technical education instructors.)

ECT 4183 Curriculum Construction: Technical Education 3.00 Credits

Permission of the Program: : . This course is designed to assist new Career and Technical (CTE) teachers on temporary certification, to develop or expand their skills in constructing a comprehensive curriculum for career and technical classrooms and laboratories. It will focus on translating the CTE instructor's occupational knowledge and experience with the academic goals and objectives of their program into a coherent series of efficient and effective learning experiences for students. Selected course topics include evaluation of curriculum resources, development of self-instructional learning materials, service learning projects, teacher with-it-ness and program culminating projects.

ECT 4365 Basic Teaching Methods: Career and Technical Education 3.00 Credits

Permission of the Program. This course is designed to assist in-service career and technical teachers, on temporary teacher certification, to develop or expand their skill in planning and delivering effective instruction in the career and technical classroom and laboratory. The course focuses on the selection of teaching methods for specific instructional settings including principles of learning, instructional strategies, teacher collaboration, instructional media, classroom management and assessment. Access to the Internet and familiarity with email procedures are necessary.

ECT 4562 Career and Technical Education for Students with Special Needs. 3.00 Credits

Permission of the Program: : . This course provides an overview of the rationale, legal and social foundations, and characteristics of education for students with special needs. It focuses on modifying the career and technical education curriculum, laboratory, shop, student outcomes, learning activities, tests, media, etc. to accommodate the unique learning needs of non-traditional, English as a Second Language and special needs students. Access to the Internet and familiarity with email procedures is required. (Note: This course is one of four courses required to complete the professional preparation requirements for employed Career and Technical Education instructors.)

EDE 4226 Integrated English Language Arts, Social Studies and Creative Arts for the Elementary Classroom 4.00 Credits

Admission to: (ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements or ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements and) Prerequisite: RED 3309 and EDE 4304 and EDE 4943 and (EDG 3620 or EEX 3241 and) Pre or Corequisite: EDE 4942 . This course prepares pre-service teachers for integrating English Language Arts with Social Studies and the Creative Arts to stimulate inquiry, creativity and critical thinking in the classroom. By using an integrated curricular approach, pre-service teachers acquire strategies for analyzing and engaging students in informational digital text, multimedia primary sources along with the utilization of children's literature and enrichment with music,

art, drama and dance/movement to create high-quality thematic lessons/units that meet The Language Arts Florida Standards (LAFS), (K-6).

EDE 4304 Integrated Mathematics and Science 4.00 Credits

Admission to: (ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements and Prerequisite: EDG 3620 or) Admission to: (ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements and Prerequisite: EEX 3012 and) Pre or Corequisite: EDE 4943 . This course is designed to help the student gain knowledge and competencies necessary to become an effective teacher and leader in the areas of elementary school mathematics and science. It develops the theoretical bases for mathematics and science learning and teaching, illustrates and applies models for integrating elementary mathematics and science teaching, provides practical experience in curriculum, instruction and assessment. This course addresses specific Sunshine State Standards, subject matter competencies, and pedagogy pertinent to the disciplines and required for certification.

EDE 4314 Mathematical Concepts and Procedures in the K-6 Classroom 1.00 Credits

Admission to: (ELED-BS Elementary Education with Infused ESOL and Reading (K-6) BS or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements and) Pre or Corequisite: EDE 4304 and EDE 4943 . This course introduces conceptually and developmentally appropriate mathematics content based on the five content areas identified by the state (Next Generation Sunshine State Standards), and/or Common Core State Standards. Within these content areas, students will learn techniques consistent with the national process standards including problem solving, computation, effective representation, communication, reasoning, and making connections as well as error pattern analysis and research-based procedural strategies. This course addresses specific Next Generation Sunshine State Standards, and/or Common Core State Standards, subject matter competencies, and pedagogy pertinent to the discipline and required for teacher certification.

EDE 4940 Internship: Elementary Education 12.00 Credits

Prerequisite: Successful completion of all Elementary Education BS program requirements and passing of all sections of the General Knowledge and Professional Education Exam. This course requires a teacher candidate to demonstrate competency on the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level during one semester of fulltime internship in a K-6 school setting as approved by the College of Education. Teacher candidates must assume full-day teaching duties for a minimum of six weeks during the fifteen-week internship. The internship also includes mandatory on-campus seminars. Contact hours: a minimum of 35 hours per week for 15 weeks.

EDE 4942 Integrated English Language Arts, Social Studies and Creative Arts for the Elementary Classroom Practicum 1.00 Credits

Admission to: (ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements and) Prerequisite: RED 3309 and EDE 4304 and EDE 4943 and Pre or Corequisite: EDE 4226 . This course is designed to give practical experience to students through school-based experiences in public and approved private school classrooms. Students work directly with elementary classroom teachers and have an opportunity to teach both large and small group activities, particularly children's literature, language arts and social studies. This course is designed to develop competencies relative to program planning instruction, daily schedule, record keeping, evaluation, classroom management, reporting to parents, professional organizations, and teacher ethics. Students spend a minimum of sixty (60) school-based hours in the elementary classroom or a setting pre-approved by faculty member teaching the course.

EDE 4943 Integrated Mathematics and Science Practicum 1.00 Credits

Admission to: (ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements and Prerequisite: EDG 3620) or Admission to: (ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements and Prerequisite: EEX 3012 and) Pre or Corequisite: EDE 4304 . This course is designed to give practical experience to students through school-based experiences in public and approved private school classrooms. Students work directly with elementary classroom teachers and have an opportunity to teach both large and small group activities, particularly Math and Science. This course is designed to develop competencies relative to program planning, instruction, daily scheduling, record keeping, evaluation, and classroom management, reporting to parents, professional organizations, and teacher ethics. Students spend a minimum of sixty (60) school-based hours (SBH) in the elementary classroom.

EDF 1005 Introduction to Education 3.00 Credits

This course is an introduction to the development and organization of the American educational system and profession. It examines professionalism requirements, the historical and philosophical foundations of education and the structure of schools. 47 contact hours, plus 15 hours of field experience under the supervision of a K-12 public school teacher certified in-field. The field experience requires completion of a criminal offense review form as a condition for participation in the field experience component of the course. (Note: A student who has a criminal background precluding him or her from observing in a classroom will not be able to complete the field experience and will not receive credit for this course).

EDF 2085 Diverse Populations 3.00 Credits

Designed for the prospective educator, this course provides the opportunity to explore issues of diversity, including an understanding of the influence of exceptionalities, culture, gender, sexual orientation, socioeconomic status, religion, language of origin, ethnicity, and age upon the educational experience. The basic framework of multicultural education and its impact on students will be explored. Students will also examine personal attitudes toward diversity and exceptionalities and ways to support the diverse learning needs of all students.

EDF 2130 Child and Adolescent Development 3.00 Credits

The course examines child growth and development focusing on the physical, social, emotional, and cognitive domains of development. Factors that influence growth and development are considered.

EDF 3150 Learning Theory and Student Development 1.00 Credits

Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements . This course examines major learning theorists and their contributions. Course content explores issues related to social, emotional and cognitive development with an emphasis on implications for instruction based on the diverse needs of students.

EDF 3152 Nature of the Learner 3.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership . This course examines the physical, cognitive, social, and emotional characteristics and development of K-12 learners. Course content focuses on factors affecting the individual learner including culture, gender, and socioeconomic status. The course includes a discussion of learning and its implications for instruction in a variety of settings.

EDF 3214 Student Development and Learning Principles K-12 3.00 Credits

Admission to: BSCED-BS: Science Teacher Education Biology Teacher Education (6-12) or ELED-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements or EDST-BS: Educational Studies and Community Leadership or MGMED-BS: Middle Grades Mathematics Education (5-9) or MGSED-BS: Middle Grades General Science Education (5-9) or MTSED-BS: Secondary Education Mathematics (6-12) . This course is designed to cover principles of learning and student development and their applications to learning/teaching situations. Self-concept, motivation, views of intelligence and assessment are examined with opportunities to analyze teaching/learning episodes and to develop a repertoire of teaching approaches. Emphasis is placed on the interaction between the role of the teacher and the needs and learning styles of students at various developmental ages and stages.

EDF 3660 Education and Public Policy in the United States 3.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership or PPA-BS: Public Policy and Administration . This course is designed to study the relationship between education and public policy at the federal, state, and local levels of government. Emphasis is placed on the social, political, and economic factors that affect the development of educational public policy.

EDF 4084 Cultural & Social Foundations of Education 3.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership . In this course, social and cultural forces affecting educational practices are examined in the context of major theories of the sociology of education, concepts of multicultural education, and theories of leadership. Relations among educational policy, multicultural curriculum development, academic and personal growth and achievement, and diverse lifestyles and learning styles are explored.

EDF 4123 Design & Implementation of Youth Programs 3.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . This course prepares individuals to plan, manage, and implement programs for children, youths, and families. Topics include creating a youth program, designing curriculum and activities for youths, creating policies and procedures to maintain the program, and developing tools to evaluate the program's effectiveness.

EDF 4264 Learning Theory and Instruction 3.00 Credits

Admission to: [EPI-CT: Educator Preparation Institute (EPI)](#) or [EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement](#) . This course is designed to cover principles of learning and student development and their applications to learning/teaching situations. Self-concept, motivation, views of intelligence and assessment are examined with opportunities to analyze teaching/learning episodes and to develop a repertoire of teaching approaches. Emphasis is placed on the interaction between the role of the teacher and the needs and learning styles of students at various developmental ages and stages. Teacher candidates create coherent, meaningful learning experiences using the major philosophical foundations of education to develop learners' competence in subject matter knowledge. Teacher candidates evaluate the suitability of the content against learner intellectual, social, emotional, and physical characteristics.

EDF 4430 Measurement, Evaluation and Assessment in Education K-12 3.00 Credits

Admission to: [BSCED-BS: Science Teacher Education Biology Teacher Education (6-12)](#) or [MGSED-BS: Middle Grades General Science Education (5-9)](#) or [EDST-BS: Educational Studies and Community Leadership](#) or [ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements](#) or [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#) or [MGMED-BS: Middle Grades Mathematics Education (5-9)](#) or [MTSED-BS: Secondary Education Mathematics (6-12)](#) . Advanced principles of measurement, evaluation and assessment are covered in this course. Course content includes instruction in designing, implementing, and evaluating a variety of assessments. Proper assessment modifications and accommodations will be examined. The course includes analysis and interpretation of Florida Standards Assessment data and instruction on how to use data to meet the needs of students.

EDF 4444 Assessment in the Curriculum 2.00 Credits

Admission to: [EPI-CT: Educator Preparation Institute (EPI)](#) or [EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement](#) . This course is designed to develop the necessary skills required by teachers to develop a variety of assessments that will help identify gaps in student learning and measure student learning gains. The course will instruct teacher candidates how to design, select, implement, and interpret assessments for P-12 classrooms. Teacher candidates will learn how to analyze P-12 student assessment data and then communicate the results with parents and caregivers. The use of technology to organize and integrate assessment data will also be addressed.

EDF 4490 Research in Educational Studies 3.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . This course is designed to provide an introduction to the process of reviewing, evaluating, conducting and disseminating education research.

EDF 4604 Education in America 3.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . The course will examine the role of education in American culture. This course is designed to provide students with the general knowledge, skills, and principles necessary to understand the events, opportunities, and challenges they will confront as education professionals. Students will receive instruction on proper conflict resolution, effective interpersonal and intrapersonal communication, and appropriate soft skills (people, social, communication, character traits, attitudes, career attributes, social and emotional intelligence) necessary to successfully navigate a variety of academic and professional environments.

EDF 4632 Sociology of Education 3.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . This course provides a sociological approach to education, from several theoretical perspectives and their application to current educational issues, to the structure and processes that make education systems work. This course focuses on the role of school in society and how school relates to other systems within the macro system.

EDF 4650 Health, Safety, & Ethics in Youth & Family Settings 2.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . This course covers the laws, regulations, standards, policies, and procedures related to health, safety, nutrition, and ethics. Topics include illness and accident prevention, emergencies, basic nutritional needs of youths, child obesity, child abuse/neglect prevention, proper ethics in youth settings, and proper collaboration with families and health professionals.

EDF 4731 Youth Administration & Leadership Communication Techniques 3.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . This course will focus on specific effective professional communication efforts of administrators and leaders from military, social agencies, educational settings, and organizational environments, including non-profit agencies and organizations. Skills emphasized in the course include: oral and written presentations for varied audiences and technology-rich communications for leading organizations and developing communicative organizational environments.

EDF 4754 Theoretical & Practical Issues in Education 3.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . This course examines theoretical and practical issues in education related to theories of learning, development and cognition, instruction, and youth, family, and community relations. Students will have opportunities to consider the implications of these issues for instructional practices in the field. Students in this course will examine complex experiences and conditions in global, national, and local contexts by integrating course content with field-based curricula and research.

EDF 4781 Educational Issues for the 21st Century 2.00 Credits

Admission to: [BSCED-BS: Science Teacher Education Biology Teacher Education (6-12)](#) or [BTEED-BS: Business Technology Education (6-12)](#) or [EDST-BS: Educational Studies and Community Leadership](#) or [ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements](#) or [ESED-BS: Exceptional Student Ed](#) or [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#) or [MGMED-BS: Middle Grades Mathematics Education (5-9)](#) or [MGSED-BS: Middle Grades General Science Education (5-9)](#) or [MTSED-BS: Secondary Education Mathematics (6-12)](#) or [TECED-BS: Technology EdBS](#) . This course is a compendium of four concepts to enhance specific professional skills that are necessary for success as an educator: educational law, principles of professional conduct of the education profession in Florida as outlined in The Code of Ethics, character education and teacher resiliency.

EDF 4810 Comparative and International Education 3.00 Credits

Admission to: [EDST-BS: Educational Studies and Community Leadership](#) . The Right to Education is a fundamental human right according to the Universal Declaration of Human Rights (Article 26) of the United Nations Educational, Scientific and Cultural Organization (UNESCO). Yet, education is denied to many across the world, particularly women. This course will examine and compare educational systems in their national contexts around the world in the United States of America, United Kingdom, France, the Russian Federation, Mexico, Japan, Peoples Republic of China, India, and Nigeria. Emphasis will be placed on a blend of historical, philosophical, political, cultural, and sociological perspectives on a variety of foundational topics in international education, including the vital interests of developing and developed states; the implications for ethnonationalism, political, economic, environmental and educational relationships.

EDF 4930 EPI Capstone Seminar 3.00 Credits

Admission to: ([EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement](#) or [EPI-CT: Educator Preparation Institute (EPI)](#)) and Prerequisite: [EDF 4944](#) and Pre or Corequisite: [EDF 4949](#) . This is a course for Educator Preparation Institute (EPI) students (teacher candidates) in their final semester. Teacher candidates will complete this course in conjunction with the internship course (EDF 4949) and will be required to demonstrate competency in two of the six Florida Educator Accomplished Practices (FEAPs) at the pre-professional level. This course will focus on the following areas: professional development, ethical conduct, and subject area knowledge.

EDF 4932 Senior Capstone for Educational Studies 4.00 Credits

Prerequisite: [EDF 4490](#) and Admission to: [EDST-BS: Educational Studies and Community Leadership](#) and Prerequisite: senior standing . This course is to be taken during the student's last semester in the College of Education. This multidisciplinary course is

the culminating experience with a focus on critical analysis designed to broaden students' perspectives within the social sciences, including Education. This course helps students seeking careers in non-school settings develop a more thorough understanding of the issues confronting institutions from a national or global perspective. Students will integrate knowledge and skills developed during the Educational Studies program to create an independent study such as a research project, case study, grant application, improvement plan, service learning project, etc. to explore a specific issue or problem.

EDF 4944 EPI Practicum 3.00 Credits

Admission to: EPI-CT: Educator Preparation Institute (EPI) or EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement . This course is designed to give practical experience in public school classrooms to teacher candidates. Candidates work directly with classroom teachers in the field where they wish to become certified. Through a coaching model, the candidates will develop competencies relating to instruction, evaluation, classroom management, professional behaviors, and teacher ethics. Students spend a minimum of sixty (60) school-based hours (SBH) in the classroom in the area of certification.

EDF 4949 EPI Internship 4.00 Credits

Other: Successful completion of all EPI-CT or EPIR-CT program requirements and Pass all sections of the General Knowledge and Professional Education Exam and Pre or Corequisite: EDF 4930 . This course requires a teacher candidate to demonstrate competency on four Florida Educator Accomplished Practices (FEAPs) at the pre-professional level during ten weeks of full day internship in a Prekindergarten through twelfth grade (P-12) setting.

EDF 4952 Study Abroad in Education 0 Credits

Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements or MGMED-BS: Middle Grades Mathematics Education (5-9) or MTSED-BS: Secondary Education Mathematics (6-12) or EPI-CT: Educator Preparation Institute (EPI) or Subplan: Early Childhood Education (PREEDU) or Other: Permission from the Dean . This course is designed to provide students with experiential learning in a study abroad setting. Students will explore environments that support and enrich the educational experience of P-12 students through educational learning opportunities in the study abroad setting. Please note, while this course is not credit bearing, students will complete specific activities to meet the MLOs as they participate during the study abroad program.

EDG 3410 Classroom Management and Communication K-12 3.00 Credits

Admission to: MGSED-BS: Middle Grades General Science Education (5-9) or BSCED-BS: Science Teacher Education Biology Teacher Education (6-12) or ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements or MGMED-BS: Middle Grades Mathematics Education (5-9) or MTSED-BS: Secondary Education Mathematics (6-12) . This course covers basic skills and knowledge for creating a learning environment that encourages positive social interaction and effective communication among members of the learning community. The course emphasizes attitudes, language patterns, values, and behaviors for eliciting and maintaining student learning as well as on-task behaviors. (Note: This course also includes methods and strategies for consulting with other school professionals and parents and includes 15 school-based hours.)

EDG 3620 Curriculum and Instruction 3.00 Credits

Admission to: ELED-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or : . This course is an introduction to major concepts, assumptions, debates, processes of inquiry, and ways of knowing within the school curriculum. Preservice teachers create coherent, meaningful learning experiences using the major philosophical foundations of education to develop learners' competence in subject matter knowledge. Preservice teachers evaluate the suitability of the content against learner intellectual, social, emotional, physical characteristics. (Note: This course is writing intensive.)

EDG 4419 Building Classroom Management and Discipline 3.00 Credits

Admission to: EPI-CT: Educator Preparation Institute (EPI) or EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement . This course focuses on principles and strategies for developing and maintaining an effective classroom environment for diverse learners. Strategies for whole class management as well as management of challenging behaviors will be explored. This course includes Positive Behavior Supports, Response to Intervention and Functional Behavior Analysis as fundamental components

of effective classroom management. Participants will design a classroom management plan as well as conduct a functional behavior analysis.

EDG 4940 EDST Internship 4.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership and Other: Permission of the College-wide Internship Office . As a culminating experience to their Educational Studies program, students will complete an Internship in a community-based organization. Educational Studies is a workforce development program that prepares students to work as leaders in youth and community development, non-profits, and other educational and business settings. The internship will provide students with field experience in the workforce. 240 contact hours.

EEC 1223 Observation and Assessment in Early Childhood 3.00 Credits

Pre or Corequisite: EEC 1603 . This course is a study of the theory and practice of observation and assessment of young children. Emphasis is on the use of various types of informal measurements along with the appropriate use of standardized assessments. Issues of professionalism including confidentiality, absence of bias, and ethical behaviors are addressed. (Note: Ten (10) hours of field experience in a licensed, professional early childhood care and education setting required.)

EEC 1308 Early Childhood Planning and Management 3.00 Credits

Pre or Corequisite: EEC 1603 . This course is designed to give students practice in lesson planning, scheduling, and evaluating the activities of young children in early childhood care and education settings. (Note: This course requires five (5) field experience hours in early childhood care and education settings.)

EEC 1512 Caring for Infants and Toddlers 3.00 Credits

Pre or Corequisite: EEC 1603 . This course is the study of the developmental needs of infants and toddlers ages birth to three. Emphasis is on developing appropriate environments, curriculum and policies that support young children and their families. (Note: Five (5) hours of field experience in a licensed, professional early childhood care and education setting required.)

EEC 1600 Guiding the Young Child 3.00 Credits

Pre or Corequisite: EEC 1603 . This course is designed for early childhood educators who care for and work with young children. It examines the range of developmentally appropriate behaviors, the application of consistent limits, the use of supportive communication patterns and styles, and simple rules that clearly define behavioral approaches employed to guide young children in a variety of settings. (Note: Ten (10) hours of field experience in a licensed, professional early childhood care and education setting required.)

EEC 1603 Early Childhood Development 3.00 Credits

Admission to: CHDEV-AS: Early Childhood Education or CHDEV-CT: Early Child Development or ITSP-CT: Infant and Toddler Specialization Certificate or PRSP-CT: Preschool Specialization Certificate . This course is the study of the physical, cognitive, and social-emotional developmental processes of children from conception to age eight. Emphasis is on understanding the sequential dynamics of growth, development, behavior and understanding the uniqueness of each child. Case Study of a child between the ages of 18 and 60 months required.

EEC 2002 Foundations of Chld Care and Educational Administration 3.00 Credits

This course is designed to meet Florida educational requirements for the Initial Child Care and Education Director Credential, Level I and Level II. The course content emphasizes the development of skills and a knowledge base for problem solving, planning, implementing and evaluating a quality child care and education program for child care administrators.

EEC 2271 Introduction to Working with Young Children with Special Needs 3.00 Credits

Pre or Corequisite: EEC 1603 . This course introduces the student to the study of young children, birth through five years of age, with special needs, within the context of their family unit. The content includes the study of possible causes of developmental delays, disabilities or established conditions; a historical overview of federal laws; understanding biases and attitudes toward children with disabilities and the recognition of the importance of early identification during critical periods of development. (Note: Five (5) hours of field experience in a licensed, professional early childhood care and education setting required.)

EEC 2300 Developing Cognitive Activities for Young Children (Math, Language Arts, Science, Social Studies, Health) 3.00 Credits

Pre or Corequisite: EEC 1603 . This course focuses on developing appropriate cognitive teaching and learning strategies for children from infancy to age eight. The student will examine methodological principles from the following curricula areas: mathematics, language arts, science, social studies, and health. (Note: This course requires 10 field experience hours in early childhood care and education settings.)

EEC 2312 Developing Creative Activities for Young Children 3.00 Credits

Pre or Corequisite: EEC 1603 . This course focuses on developing appropriate creative teaching/learning strategies for children from infancy to age eight. The student will examine creative teaching/learning strategies form the following curricula areas: art, music/movement, language arts and socio-dramatic play. (Note: This course requires 10 field experience hours in early childhood care and education settings.)

EEC 2907 Early Childhood Education Internship 3.00 Credits

Prerequisite: This course must be taken during the student's last term in the program after completion of required courses. EEC 1223 and EEC 1308 and EEC 1512 and EEC 1600 and Pre or Corequisite: EEC 1603 and Prerequisite: EEC 2271 and EEC 2300 and EEC 2312 and Permission of the Program: : . This course is a site-based internship experience that enables students to apply learned theories, skills and concepts. Students are required to attend scheduled meetings and seminars as determined by the Department. (Note: A minimum of 120 hours is required at the student's qualifying place of employment or a licensed early childhood care and education site approved by the Department.)

EEC 3005 Child Growth and Development in Early Childhood 3.00 Credits

Admission to: Early Childhood Education subplan. This course is the study of child growth and development from conception to age four. The focus is on cognitive, social, physical, and emotional development of the young child. Course content will include theories of child development, the means through which young children learn, and the role of adults in children's development.

EEC 3009 Foundations of Early Childhood and Education 3.00 Credits

Admission to: Early Childhood Education subplan. In this course students will explore the historical, social, political, economic and philosophical foundations of early education, early intervention models and approaches, the role of early childhood education in children's lives, relevant learning theories and their application to early education and public policy, governance and advocacy issues. The course provides a context for a dialogic process that encourages reflective inquiry and collaborative thinking.

EEC 3204 Curriculum in Early Childhood Education 3.00 Credits

Admission to: Early Childhood Education subplan and Pre or Corequisite: EEC 3005 . This course is a study of the components of developmentally appropriate curriculum. Students will evaluate learning environments, analyze classroom schedules and write age appropriate lesson plans for young children. (Note: This course requires 10 field experience hours in an early childhood setting.)

EEC 3266 Program Planning for Infants & Toddlers 3.00 Credits

Admission to: Early Childhood Education subplan. This course will address the proper design, implementation and evaluation of infant and toddler programs. Course content focuses on designing curriculum that promotes the growth and development of infants and toddlers' cognitive, physical, social, and emotional skills. The course includes an examination of day-to-day responsive program planning and guidance. (Note: This course requires 5 field experience hours in an early childhood setting.)

EEC 3403 Young Children with Special Needs 3.00 Credits

Admission to: Early Childhood Education subplan. This course introduces the student to the study of young children with special needs. The content includes legal perspectives; the family-based model of service delivery; the importance of early identification and strategies for teaching young children with special needs including the preparation of the learning environment and curriculum design. (Note: This course requires 5 field experience hours in an early childhood setting.)

EEC 3413 Working With Diverse Families in Early Childhood Education 3.00 Credits

Admission to: Early Childhood Education subplan. This course is designed to provide students with a general knowledge of how to serve families in their early childhood setting and the community. Students will explore issues of human rights, multiculturalism, and variations in family lifestyles. This course will provide both an historical and current context for cultural understanding with reflective inquiry. (Note: This course requires 5 field experience hours in an early childhood setting.)

EEC 3731 Health, Safety, and Nutrition for the Young Child: Birth to Age 8 3.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership or PKPED-BS: Prekindergarten/Primary Education (age 3 through grade 3) with Infused ESOL and Reading Endorsements . This course will prepare students to manage the diverse issues related to health, safety and nutrition, specifically as applied to children from birth to age eight. The course examines existing early childhood health, safety, disease control and nutritional policies; explores development of health and nutrition standards for children ages birth to eight based on current public policy; investigates healthy and safe school environment practices for children ages birth to eight; researches materials and methods for teaching health, safety and nutrition in primary elementary education.

EEC 4207 Assessment and Evaluation of Young Children 3.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership . This course is designed to increase the student's effective use of assessment and evaluation procedures in early childhood care and education settings. The student will review appropriate observation and documentation procedures. Students will also compare, analyze and interpret assessments and results to plan curriculum that is responsive to and supports the development and learning of young children. (Note: This course requires 10 field experience hours in an approved early childhood care and education setting.)

EEC 4212 STEM in Early Childhood 3.00 Credits

Admission to: (Early Childhood Education subplan) and Prerequisite: (EEC 3204) . This course presents the process of introducing science, technology, engineering, and math (STEM) for early childhood classrooms. The course includes planning and implementation of related activities. Additionally, students develop strategies that promote thinking and problem solving skills through discovery and play. (Note: This course requires 15 field experience hours in an early childhood setting.)

EEC 4227 Creative Arts for Early Childhood Education 3.00 Credits

Admission to: (Early Childhood Education subplan) and Prerequisite: (EEC 3204) . This course is designed to explore the development of creativity and the importance of creative experiences from birth through four years of age. Emphasis is placed on creating and adapting meaningful, challenging, engaging and developmentally supportive learning experiences in art, music, movement, and dramatics. The course incorporates methods to promote creativity into all aspects of the curriculum. (Note: This course requires 15 field experience hours in an early childhood setting.)

EEC 4408 Family, Teacher, and Community Relations in Early Childhood Education 3.00 Credits

Admission to: Early Childhood Education subplan. This course is designed to prepare the student to acquire an understanding of diversity within families and the development of positive relationships between teachers, families, and community. Implications from this knowledge will guide the development of systems and programs that promote sustained collaboration between families and schools for children. (Note: This course requires 5 field experience hours in an early childhood setting.)

EEC 4706 Early and Emergent Literacy in Early Childhood 3.00 Credits

Admission to: Early Childhood Education subplan. This course is designed to introduce the emergence of language and the fundamentals of early literacy development in children from birth to four years of age. Communication ranging from prenatal interactions through the preschool years will be explored along with the process of communication. Language, communication, literacy theory and current research are used to encourage the development of informed practices that are developmentally appropriate for the age of the child. (Note: This course requires 15 field experience hours in an early childhood setting.)

EEC 4942 Preschool Education Practicum II Early Childhood Education Preschool (Birth to Age 4) 1.00 Credits

Prerequisite: EEC 3204 and Admission to: EDST-BS: Educational Studies and Community Leadership Pre or Corequisite: EEC 4212 . This course is designed to provide field experiences and support related to the early childhood education courses in which the student is concurrently enrolled. The practicum will focus on: exploring number concepts, how concepts are developed and

acquired, promoting young children's concept development through problem solving, and assessing the child's developmental level. Science teaching strategies will use concept development, inquiry and curiosity, with an emphasis on exploration and discovery in sensory hands-on experiences, providing first-hand activities for young children at the appropriate stages of cognitive development. Appropriate technology will be utilized to support teaching and learning. This course will enable the student to demonstrate knowledge of developmentally appropriate curriculum and environments for young children. Field work required will provide first-hand experience implementing course work in a licensed childhood center. This experience will be monitored by a representative from the College of Education. The practicum also includes a series of mandatory professional leadership seminars. (Note: This course requires 60 hours of field-based experience.)

EEC 4944 Preschool Education Practicum I: (Birth to Age 4) 1.00 Credits

Prerequisite: EEC 3204 and Pre or Corequisite: EEC 4227 . This course is designed to provide field experiences and support related to the early childhood education courses in which the student is concurrently enrolled. The practicum focuses on language arts and emergent literacy, providing activities to stimulate language acquisition and reading readiness through dramatic play and a print-rich environment. This course will enable the student to demonstrate knowledge of developmentally appropriate curriculum and environments for young children. Field work required will provide first-hand experience implementing course work in a licensed early childhood setting. The practicum also includes a series of mandatory professional leadership seminars. (Note: This course requires 60 hours of field-based experience.)

EEC 4945 Senior Capstone for Preschool Education (Birth to Age 4) 4.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership and Subplan B: Preschool Education (Birth to Age 4) BS program and Other: Successful completion of all program requirements. . This course requires students in the Preschool Education (Birth To Age 4) BS program to demonstrate competency on the five standards for Early Childhood Professional Preparation from National Association for the Education of Young Children (NAEYC). This capstone may be performed at a licensed early childhood center, which may be the student's employment site. This program provides a non-certification degree, focusing on professional training for employment not requiring teacher certification. (Note: The capstone also includes a series of mandatory professional leadership seminars.)

EEC 4946 Internship: Early Childhood Education PreKindergarten/Primary 4.00 - 12.00 Credits

Admission to: (Prekindergarten/Primary Education Studies Track or Prekindergarten/Primary Education (age 3 through grade 3) with Infused ESOL and Reading BS) and Other: Successful completion of all program requirements. . This course requires students to demonstrate competency on the twelve Florida Educator Accomplished Practices (FEAPs) and the five Standards for Early Childhood Professional Preparation from National Association for the Education of Young Children (NAEYC) at the pre-professional level. (Note: Students are required to complete an internship based on their program of study as described below:) Topic 1: Contact hours: a minimum of 12 hours per week for thirteen weeks in a licensed childhood center or a public school setting. Topic 2: Contact hours: a minimum of 35 hours per week for fifteen weeks in a public school setting.

EEC 4948 Early Childhood Education Internship 4.00 Credits

Admission to: (Early Childhood Education subplan) and Other: Completion of program requirements . This course requires students to demonstrate competency on the first six standards for Early Childhood Professional Preparation from the National Association for the Education of Young Children (NAEYC). As a culminating experience to their program of study, students will complete an internship at a licensed early childhood center or setting approved by the College of Education, which may be the student's employment site. (Note: This course requires 240 field experience hours and seminars.)

EET 1015C DC Circuit Analysis with Lab 4.00 Credits

Pre or Corequisite: EET 1084C . This course will cover the direct current (DC) characteristics of electric and magnetic circuits, using Ohm's and Kirchhoff's laws, with the use of related theorems, including Thevenin, Norton, superposition, nodal and mesh equations, for solving DC circuits. The laboratory exercises cover the measurement and analysis of direct current (DC) circuits, including the verification of the related network theorems.

EET 1025C AC Circuit Analysis with Lab 4.00 Credits

Prerequisite: EET 1015C or Permission of the Program: : . This course will cover the alternating current (AC) characteristics of electric circuits, using single or multiple sinusoidal voltage and current sources. The course content includes resistance, inductance,

and capacitance components used in combination circuit configurations for analyzing current and voltage behavior. Topics include two port networks, three phase power systems, series and parallel resonance, complex harmonic waveforms, high frequency modeling, and power transformers. The laboratory exercises cover the measurement and analysis of alternating current (AC) circuits.

EET 1035C AC/DC Circuits with Lab 3.00 Credits

Prerequisite: EET 1084C . Fundamental course in DC and AC circuits designed to prepare students for further classes that apply the concepts of AC and DC circuits. This course includes a study of laws, theorems, and components used in DC and AC circuit analysis. Hands-on laboratory experiences reinforce content taught in lecture.

EET 1084C Introduction to Electronics 3.00 Credits

This course provides an introduction to the basic fundamentals, terminology, and applications used in the electronics industry. The topic coverage will include circuit theory principles, electronic components, transistor usage, amplifiers, power supplies, digital logic techniques, and electronic instruments. This course will also include some basic laboratory exercises to strengthen the topic coverage as it pertains to basic measurement involving both analog and digital circuits.

EET 1205C Electronic Instrumentation 1.00 Credits

This course introduces the student to the basic measurement techniques employing electronic test equipment. The topics covered will include the principle of operation and usage of digital multimeters, function generators, pulse generators, frequency counters, oscilloscopes, and logic analyzers.

EET 2140C Solid State Electronics with Lab 4.00 Credits

Prerequisite: EET 1015C or EET 1035C or Permission of the Program. This course is a study of the characteristics in which active semiconductor devices are operated in their linear ranges. The areas of coverage include semiconductor diodes, bipolar junction transistors, field effect transistors, load lines and biasing, small signal analysis, hybrid parameters, amplifiers, complementary symmetry, Darlington Pair, decibels, Bode plots, and feedback. The laboratory exercises cover the measurement and analysis of solid state circuits and devices.

EET 2155C Linear Integrated Circuits with Lab 4.00 Credits

Prerequisite: EET 2140C . This course covers the fundamentals and applications of linear integrated circuits and operational amplifiers. The course coverage includes inverting and non-inverting amplifiers, comparators, signal generators, differential and instrumentation amplifiers, operational amplifier specifications, active filters, modulator-demodulator integrated circuits, timers, analog to digital converters (ADC), and digital to analog converters (DAC). The laboratory exercises cover the measurement and analysis of linear circuits and devices.

EET 2949 Engineering Technology Work Experience 1.00 - 3.00 Credits

Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. (Note: This course may be taken up to 12 times for a total of 12 credits.)

EEX 2010 Introduction to Exceptional Learners 3.00 Credits

This course provides a survey of the challenges and triumphs experienced by children and adults with disabilities through the use of real world and vicarious experiences. Experiential learning will be followed by group discussion so that prospective teachers or service providers will gain sensitivity to the circumstances faced by exceptional learners and their families. (Note: Three credit hours weekly plus ten hours of participation/observation in special education settings are required.)

EEX 3012 Nature and Needs of Exceptional Students K-12 3.00 Credits

Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements or MGMED-BS: Middle Grades Mathematics Education (5-9) or

[MTSED-BS: Secondary Education Mathematics (6-12)](#) or [EDST-BS: Educational Studies and Community Leadership](#) . This course prepares students to use common characteristics of exceptionalities to implement teaching strategies within the framework of Universal Design for Learning, accommodations, and modifications. Course topics are placed in the historic and legal contexts of disability advocacy, including Multi-tiered Systems of Support initiatives.

EEX 3101 Survey of Normal/Abnormal Language and Speech Development 1.00 Credits

Prerequisite: ([EEX 3012](#) and Admission to: Exceptional Student Education with Reading BS, Exceptional Student Education BS) or Exceptional Student Education EPI Program . This course is a survey of normal language and speech development, an overview of major communication disorders and supportive strategies for classroom teachers.

EEX 3241 Curriculum and Instruction for Exceptional Students 3.00 Credits

Admission to: [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#)) Pre or Corequisite: And ([EEX 3012](#)) . This course addresses curriculum alignment, assessment of learning gains, and technologies available to teach students with exceptionalities. Course topics also include community, advocacy and professional organizations to support the diverse needs of students with varying exceptionalities.

EEX 3280 Career/Vocation Assessment and Instructional Planning 1.00 Credits

Prerequisite: [EEX 3012](#) and Admission to: Exceptional Student Education with Reading BS, Exceptional Student Education BS, or Exceptional Student Education EPI . This course will give prospective teachers an understanding of how exceptional students move successfully from the school and work environment to the community environment which best meets their needs.

EEX 4084 Differentiated Instruction of Exceptional and Diverse Students 3.00 Credits

Admission to: [EPI-CT: Educator Preparation Institute (EPI)](#) or [EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement](#) . This course is designed to introduce teacher candidates to the categories and characteristics of exceptional students served in the public school setting and how these classifications impact curriculum and instruction. Teacher candidates will review the concepts of differentiated instruction and inclusionary classroom practices for exceptional and diverse students.

EEX 4094 Nature and Diagnostic Assessment of Autism 3.00 Credits

This course is an introduction to the nature of autism which surveys the history of Autism Spectrum Disorders (ASD) and gives an overview of the characteristics of children on the autism spectrum. Students will study the assessment and diagnosis of autism and examine research-based best practices for children on the autism spectrum.

EEX 4221 Educational Assessment of Exceptional Students 3.00 Credits

Admission to: ([ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#) or [ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements](#)) and Prerequisite: [EEX 3012](#) and Pre or Corequisite: [EDF 4430](#) . This course is a study of theory and practice of informal and formal assessment of behavior and/or learning problems. Practice with evaluation instruments and strategies is a key component of the course. Use of assessment information in designing academic K-12 curriculum plans is taught.

EEX 4261 Strategy Instruction and Transitions for Exceptional Students 3.00 Credits

Admission to: [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#) Prerequisite: And ([EEX 3012](#) and [EEX 3241](#)) . The course addresses curriculum, high leverage practices and technologies available to teach students with exceptionalities. Course topics include problem solving the transitional needs of students with varying exceptionalities. (Note: This course includes a minimum of 10 school-based hours of experience with students with exceptionalities.)

EEX 4291 Effective Learning Environments for Autism Through Design, Assessment, Behavior Management and PBS 3.00 Credits

Admission to: AUTISM-NO program. This course offers instruction regarding positive behavior supports (PBS) management for children with autism. Class members will examine various behavior techniques, positive behavior strategies and classroom supports for children with Autism Spectrum Disorders (ASD). Class members will evaluate behavior assessments and construct instructional planning for children with autism.

EEX 4604 Behavior Management of Exceptional Students 3.00 Credits

Prerequisite: EEX 3012 and Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements or ELED-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESED-BS: Exceptional Student Ed or MGSED-BS: Middle Grades General Science Education (5-9) or MGMED-BS: Middle Grades Mathematics Education (5-9) or IMPELED-CT: EPI Elementary Ed or IMPESED-CT: EPI Exceptional Ed . This course is designed to prepare teachers for the educational management of exceptional students with emphasis on behavior management and consultation skills. Students will gain a basic knowledge of how to create and maintain an on-task, safe and healthy environment for learning in the exceptional education classroom as well as the inclusive classroom.

EEX 4606 Behavior Management of Exceptional Learners 1.00 - 3.00 Credits

Other: Permission of the Dean. This course is designed to prepare general education teachers for managing the behavior of exceptional education learners with an emphasis on positive behavioral supports and collaboration skills. Teachers will learn how to create and maintain a positive and supportive environment for learning in an inclusive classroom.

EEX 4761 Communication, Assessment, Strategies-Assistive -Instructional Technology for Students with Autism 3.00 Credits

The course will examine the potential usefulness of Alternative and Augmentative Communication (AAC) supports to increase, maintain or improve functional communication skills of children with Autism Spectrum Disorder (ASD) in community and school settings. Students will develop the awareness and the necessary skills to conduct informed observations of communication abilities and to identify AAC supports that match the individual's learning style. Students will learn strategies to collaborate with teachers, family members and related professionals to increase communication amongst stakeholders.

EEX 4940 Internship: Exceptional Student Education 12.00 Credits

Prerequisite: Successful completion of all Exceptional Student Education BS program requirements and passing of all sections of the General Knowledge and Professional Education Exam. This course requires a teacher candidate to demonstrate competency on the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level during one semester of full time internship in a K-6 school setting as approved by the College of Education. Teacher candidates must assume full-day teaching duties for a minimum of six weeks during the fifteen week internship. The internship also includes mandatory on-campus seminars. Contact hours: a minimum of 35 hours per week for 15 weeks.

EEX 4941 Nature and Diagnostic Assessment of Autism Field Experience 1.00 Credits

Other: Students must be in the AUTISM-NO program and Pre or Corequisite: EEX 4094 . This course is a companion course to the Nature of Autism course. Students will spend time in a classroom with children who have Autism Spectrum Disorders (ASD) in order to apply the knowledge gained in the paired theory course. Assignments and peer discussion relating to the observed application of material covered in the companion course will be submitted. 30 clock hours spent with child or children diagnosed with ASD in a school setting.

EEX 4942 Effective Learning Environments for Individuals with Autism through Positive Behavioral Supports Field Experience 1.00 Credits

Other: Students must be in the AUTISM-NO program and Pre or Corequisite: EEX 4291 . This course is a companion course to the Effective Learning Environments for Students with Autism course. Students will spend time in a classroom with children who have Autism Spectrum Disorders (ASD) in order to apply the knowledge gained in the paired theory course. The content applied in the field component will include topics such as behavioral analysis through observation, a functional analysis with positive behavioral supports, and effective instructional practices for content delivery. Assignments and peer discussion relating to the observed application of material covered in the companion course will be submitted. 30 clock hours spent with child or children diagnosed with ASD in a school setting.

EEX 4943 Communication Assessment, Strategies-Assistive Instructional Technology for Students with Autism 1.00 Credits

Other: Students must be in the AUTISM-NO program and Pre or Corequisite: EEX 4761 . This course is a companion course to the Communication with Students with Autism, Families and Other Professionals course. Students will spend time in a classroom with children who have Autism Spectrum Disorders (ASD) in order to apply the knowledge gained in the paired theory course.

Assignments and peer discussion relating to the observed application of material covered in the companion course will be submitted. 30 clock hours are required with a child or children diagnosed with ASD in a school setting.

EME 2040 Introduction to Educational Technology 3.00 Credits

This is a survey level course designed to introduce preservice teachers to the proper methods for using technology in contemporary education settings.

EMS 0002 Dispatcher: Police, Fire, and Ambulance 0 Credits

The purpose of this course is to prepare students for employment as a dispatcher: police, fire, ambulance (SOC 43-5031). The content includes, but is not limited to, ethics and the role of the telecommunicator; standard telecommunication operating procedures; relationship to field personnel; understanding of command levels; typical layouts of message centers; use of performance aids; overview of emergency agencies; functions and terminology; use of correct words and grammar; communications equipment, functions and terminology; types of telecommunication equipment; malfunctions and maintenance agreements; proper and correct telephone and dispatching procedures and techniques; cooperation and reciprocal agreements with other agencies; federal, state, and local communication rules; emergency situations and operating procedures; emergency medical dispatch procedures; employability skills; leadership and human relations skills; and health.

EMS 0110 Emergency Medical Technician PSAV 0 Credits

This PSAV course will educate students in the cognitive, psychomotor and affective requirements as described in the National EMS Education Standards: EMT. Successful completion of the course will allow students to apply for the National Registry of EMT and State of Florida certification examination for Emergency Medical Technician.

EMS 0210C Paramedic I 0 Credits

This course is an in-depth study of the U.S. Department of Transportation, EMT Paramedic: National Standard Curriculum/EMS, the Florida Department of Education Standards, and in accordance with F.S. 401.2701 and Florida Administrative Code 64J-1.020 which includes aspects of the prehospital environment. This is the first phase in the sequence necessary for completion of the Paramedic Certificate curriculum. This course is designed to reinforce concepts and clinical skills learned at the EMT level and to integrate this knowledge with beginning advanced life support concepts and skills. Emphasis is placed psychomotor skills for, patient assessment, airway management and ventilation, pharmacology, monitoring devices, and management of trauma patients.

EMS 0211C Paramedic II 0 Credits

This is an instructional program that prepares students for employment as paramedics SOC 29-2041 (Emergency Medical Technicians & Paramedics) to function at the basic pre-hospital emergency medical technician - paramedic level and treat various medical/trauma conditions, using appropriate equipment and materials. The program prepares students for certification as paramedics in accordance with Chapter 64J-1.020 of the Florida Administrative Code.

EMS 0212C Paramedic III 0 Credits

This course is an in-depth study of the U.S. Department of Transportation, EMT Paramedic: National Standard Curriculum/EMS, the Florida Department of Education Standards, and in accordance with F.S. 401.2701 and Florida Administrative Code 64J-1.020 which includes aspects of the prehospital environment. This is the third phase in the sequence necessary for completion of the Paramedic Certificate curriculum. This final phase will focus on gynecological, obstetrical, and pediatric emergencies. The student will be introduced to concepts in the Incident Command structure, HAZMAT, air medical, vehicle extrication, mass casualties, and mass casualties due to terrorism. The student will also demonstrate principles in ambulance operations. This course will reinforce theory and psychomotor abilities learned in the classroom, lab and clinical settings in order to integrate this knowledge in advanced life support concepts and skills. The focus will be to ensure the student is ready to transition to the working world as a paramedic by applying learned skills during the capstone phase as a lead paramedic and a team member participant.

EMS 1119 Fundamentals of Emergency Medical Care 6.00 Credits

Prerequisite: possession of American Heart Association Basic Life Support level CPR card and Admission to: EMT-ATD: Emergency Medical Technician and Pre or Corequisite: EMS 1119L and EMS 1411 . This course is an introduction to the knowledge, skills, and attitudes required in emergency medical care situations, and is taught in accordance with the latest National EMS Education

Standards for the Emergency Medical Technician. Included is information concerning basic structure and function of body systems and recent state of the art procedures required of the emergency medical technician.

EMS 1119L Fundamentals of Emergency Medical Care Lab 2.00 Credits

Prerequisite: "American Heart Association BLS Provider" CPR card. and Pre or Corequisite: EMS 1119 and EMS 1411 . Laboratory practice in emergency procedures for life-threatening disease, accident, or illness is closely supervised to foster confidence in the student's abilities to apply theory in a laboratory setting. Techniques for patient assessment, evaluation and treatment are practiced in an assessment-based format in a laboratory setting.

EMS 1411 Fundamentals of Emergency Medical Care Clinical Experience 2.00 Credits

Prerequisite: "American Heart Association BLS Provider" level CPR card and Pre or Corequisite: EMS 1119 and EMS 1119L . The student will be assigned to contract agencies for patient care experience with hospital agencies for emergency department experience under the direct supervision of hospital personnel. The course is designed as a clinical component where the individual gains an appreciation of emergency and non-emergency patient care in relationship to the knowledge and practical skills learned in the classroom.

EMS 1421 EMT Field Internship 2.00 Credits

Prerequisite: EMS 1119 and EMS 1119L and EMS 1411 . The student will be assigned to contract agencies for patient care experience with fire-rescue and ambulance units under the direct supervision of State of Florida certified EMTs and Paramedics. The course is designed as a competency-based field component where the individual gains emergency and non-emergency insight into the mechanics of assisting the ill or injured patient in the out-of-hospital environment.

EMS 2601L Paramedic Laboratory I 4.00 Credits

Admission to: (EMS-AS: Emergency Medical Services or PMED-CT: Paramedic) and Pre or Corequisite: EMS 2601 and EMS 2664 and Current Florida EMT certification and Current AHA BLS Provider . This laboratory course is an in-depth study of the U.S. Department of Transportation, Paramedic: National EMS Education Standards, which covers "hands-on" skills, related to Paramedic Theory I.

EMS 2601 Paramedic Theory I 8.00 Credits

Admission to: (EMS-AS: Emergency Medical Services or PMED-CT: Paramedic) and Pre or Corequisite: BSC 1084C or (BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L) and EMS 2601L and EMS 2664 and Current Florida EMT certification and Current AHA BLS Provider . This course is an in-depth study of the U.S. Department of Transportation, Paramedic: National EMS Education Standards, the Florida Department of Education Standards, and in accordance with F.S. 401.2701 and Florida Administrative Code 64J-1.020 which includes aspects of the prehospital environment. This is the first phase in the sequence necessary for completion of the Paramedic Certificate curriculum. This course is designed to reinforce concepts and clinical skills learned at the EMT level and to integrate this knowledge with beginning advanced life support concepts and skills. Emphasis is placed on psychomotor skills for patient assessment, airway management and ventilation, pharmacology, monitoring devices, and management of trauma patients.

EMS 2602L Paramedic Laboratory II 4.00 Credits

Admission to: (EMS-AS: Emergency Medical Services or PMED-CT: Paramedic) and Prerequisite: EMS 2601 and EMS 2601L and EMS 2664 and Pre or Corequisite: EMS 2602 and EMS 2665 and Current Florida EMT certification and Current AHA BLS Provider . This laboratory course is an in-depth study of the U.S. Department of Transportation, Paramedic: National EMS Education Standards which covers "hands-on" skills related to Paramedic Theory II.

EMS 2602 Paramedic Theory II 8.00 Credits

Admission to: (EMS-AS: Emergency Medical Services or PMED-CT: Paramedic) and Prerequisite: EMS 2601 and EMS 2601L and EMS 2664 and Pre or Corequisite: EMS 2602L and EMS 2665 and Current Florida EMT certification and Current AHA BLS Provider . This is the second phase in the sequence necessary for completion of the Paramedic Certificate curriculum. This course is an in-depth study of the U.S. Department of Transportation, Paramedic: National EMS Education Standards, the Florida Department of Education Standards, and in accordance with F.S. 401.2701 and Florida Administrative Code 64J-1.020 which includes aspects of prehospital medical emergencies related to the cardiovascular systems, disease pathophysiology, cardiac arrest management, the

nervous system, endocrine emergencies, infectious disease, obstetrical, gynecological, neonatal assessment and management, pediatrics, and patients requiring special considerations.

EMS 2659C Paramedic Field Internship 7.00 Credits

Admission to: (EMS-AS: Emergency Medical Services or PMED-CT: Paramedic) and Prerequisite: EMS 2601 and EMS 2601L and EMS 2602 and EMS 2602L and EMS 2664 and EMS 2665 and Pre or Corequisite: Current Florida EMT certification and Current AHA BLS Provider . This course is the capstone field internship phase. In the prehospital field setting under the guidance of an approved field paramedic preceptor, the student will utilize the application of all skills related to paramedic theory and psychomotor skills presented in Phase I and Phase II. This course aligns with the U.S. Department of Transportation, Paramedic: National EMS Education Standards, the Florida Department of Education Standards and in accordance with F.S. 401.2701 and Florida Administrative Code 64J-1.020.

EMS 2664 Paramedic Clinical I 3.00 Credits

Admission to: (EMS-AS: Emergency Medical Services or PMED-CT: Paramedic) and Pre or Corequisite: EMS 2601 and EMS 2601L and Current Florida EMT certification and Current AHA BLS Provider . This course involves the hospital and field clinical application of skills related to paramedic theory and application presented in Paramedic Theory I and Paramedic Laboratory I.

EMS 2665 Paramedic Clinical II 4.00 Credits

Admission to: (EMS-AS: Emergency Medical Services or PMED-CT: Paramedic) and Prerequisite: EMS 2601 and EMS 2601L and EMS 2664 and Pre or Corequisite: EMS 2602 and EMS 2602L and Current Florida EMT certification and Current AHA BLS Provider . This course is an in-depth clinical experience utilizing the application of skills related to paramedic theory and psychomotor skills presented in Paramedic I and Paramedic II under the guidance of hospital personnel. This course aligns with the U.S. Department of Transportation, Paramedic: National EMS Education Standards, the Florida Department of Education Standards and in accordance with F.S. 401.2701 and Florida Administrative Code 64J-1.020.

ENC 0015 Development Writing I 0 Credits

This college preparatory course is designed to develop skills in grammar, usage, mechanics, sentence structure, and vocabulary by means of practice in sentence construction and paragraph development. It is intended to prepare students for successful completion of other college-preparatory and college-level courses in writing. (Note: ENC 0015 may not be taken concurrently with ENC 1101 or ENC 1121H.) Five class and laboratory hours weekly.

ENC 0018 HS English 0 Credits

HS ENGLISH College Readiness

ENC 0025 Development Writing II 0 Credits

Prerequisite: ENC 0015 or appropriate score on the SPC placement test . This college preparatory course is designed to improve basic writing skills in grammar, usage, spelling, capitalization, punctuation, sentence structure, and vocabulary by means of practice in paragraphs and short essays. It is intended to prepare students for successful completion of college-level writing courses in English. No credits are awarded for completion of this course.

ENC 0027 Developmental Reading and Writing II 0 Credits

Prerequisite: (REA 0001 or REA 0007 or Other: Qualified for Level 2 Reading by test scores) and Prerequisite: (ENC 0010 or ENC 0015 or Other: Qualified for Level 2 Writing by test scores) or Approval of the Program Administrator . This developmental course provides integrated reading and writing instruction. The skills taught in this course include literal comprehension, critical comprehension, vocabulary, and Standard American English grammar and usage. Students will improve their skills through reading selected passages, including textbook selections, and by composing effective paragraphs and essays in a variety of rhetorical modes. This course is intended to prepare students for successful completion of college-level courses requiring intensive reading and writing.

ENC 0055 Writing Improvement: My Bridge to Success 0 Credits

Pre or Corequisite: ENC 1101 and Other: (Appropriate score on the SPC placement test or Permission of the Communications Department program administrator.) . This flexible exit college preparatory course is designed to improve basic writing skills in grammar, diction and usage, punctuation, sentence structure and variety, and paragraph and essay composition using course modules. Course strategies will include one-on-one instruction, small group instruction, and computer instruction in a lab setting. A diagnostic assessment will determine placement into course modules as well as exit requirements. This course is intended to prepare students for successful completion of college-level writing courses in English. No credits are awarded for completion of this course.

ENC 0056 Basic Writing II: My Bridge to Success 0 Credits

Prerequisite: Appropriate score on the SPC placement test or permission of a Communications Department program administrator. This college preparatory course is designed to improve basic writing skills in grammar, diction and usage, punctuation, sentence structure and variety, and paragraph and essay composition using course modules. Course strategies will include one-on-one instruction, small group instruction, and computer instruction in a lab setting. A diagnostic assessment will determine placement into course modules as well as exit requirements. This course is intended to prepare students for successful completion of college-level writing courses in English. No credits are awarded for completion of this course.

ENC 1101 Composition I 3.00 Credits

Prerequisite: (ENC 0025 and Pre or Corequisite: REA 0017 or) Prerequisite: EAP 1695 or (ENC 0056 and Pre or Corequisite: REA 0056 or) Prerequisite: ENC 0027 or appropriate score on the college placement test . This course is designed to develop composition skills. It emphasizes the selection and restriction of topics; organization and development of the multi-paragraph essay; critical reading of texts; and practice in information retrieval from sources, including digital content. It also offers the student opportunities to improve proficiency with sentence structure, diction, and mechanics. Selected writing samples are examined as models of form and as sources of ideas for the student's own writing. Conferences provide individual instruction. Sections of computer-assisted and individualized instruction are offered. This course partially satisfies the writing requirements outlined in the General Education Requirements. Completion of this course with a grade of "C" or better is linked to earning the Fundamentals of Written Communication digital badge. (Note: Credit is only given for ENC 1101 or ENC 1121H or IDS 1106. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

ENC 1101H Honors Composition I 3.00 Credits

Prerequisite: Appropriate score on the college placement test or Permission of the Program: : . This is a course designed to develop the expository writing skills of academically talented students so they can write effectively. It emphasizes prewriting techniques, organizational techniques, and essay writing techniques. Conferences are provided for individualized instruction. This course partially satisfies the writing requirements as outlined in the General Education Requirements. (Note: Credit is only given for ENC 1121H or ENC 1101 or IDS 1101H).

ENC 1102 Composition II 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or appropriate score on the college placement test . This course builds upon the skills developed in Composition I. It provides further instruction in the planning, organization, and writing of essays. It stresses methods of library research including information retrieval from electronic sources, and emphasizes writing of the research paper and the paper of literary interpretation. The reading includes selections from at least two forms of literature. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for ENC 1102 or ENC 1122H. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

ENC 1102H Honors Composition II 3.00 Credits

Prerequisite: (ENC 1101 and appropriate score on the college placement test or) ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program. This course builds upon the skills developed in Honors Composition I. It provides the academically talented student further opportunity to learn to write effectively. It emphasizes writing papers of literary interpretation, using the library, finding and evaluating primary and secondary source material, and employing that material in formally documented research papers. Conferences for individualized instruction are provided. This course partially satisfies the writing requirements as outlined in the General Education Requirements. (Note: Credit is only given for ENC 1122H or ENC 1102.)

ENC 2210 Technical Writing 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H . This course is offered for students desiring experience in various types of technical writing, such as process reports, investigative reports, feasibility studies, instructions, memoranda, and letters. Concentration is on practice in analyzing and developing reports, in collecting and organizing data, and in preparing the formal and informal report. This course has value in the fields of business administration, military, engineering, health, hospitality, law enforcement, architecture, building construction, and science. Assignments are related to the individual interest of the student. (Note: This course has a substantial writing requirement).

ENG 2100 Introduction to Motion Pictures 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or appropriate score on the college placement test . This course is a general survey of motion pictures emphasizing the synthesis of the dramatic, narrative, artistic, and technical components of the medium. (Note: This course has a substantial writing requirement.)

ENG 2103 World Cinema 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or appropriate score on the college placement test . This is a survey course designed to introduce students to the cinematic arts of countries from around the world. Emphasis will be given to the works of the acknowledged masters of foreign cinema including, but not limited to, those from Europe, Asia, and Latin America. This course will focus on the spiritual, intellectual and moral issues that unite humankind worldwide in the 21st century as well as the techniques in editing and mise en scene that affect film's impact upon an audience. (Note: This course has a substantial writing requirement).

ENL 2012 British Literature I (to 1800) 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or appropriate score on the college placement test . This course is a humanistic study of British literature from Anglo-Saxon times through the 18th Century. Representative selections from each period are studied for interpretation, background, artistic qualities, and ethical meaning, with emphasis on human values and application to life. This course also stresses methods of library research and emphasizes composition of the research paper and the paper of literary interpretation. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is only given for ENL 2012 or ENL 2012H.)

ENL 2012H Honors British Literature I (To 1800) 3.00 Credits

Prerequisite: (ENC 1101 and appropriate score on the college placement test or) ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program: : . This course is a humanistic and interdisciplinary study of British literature from the 8th through the 18th Century. Representative authors and selections from each period are studied for interpretation, background, artistic qualities, and ethical meaning, with emphasis on human values. This course also stresses methods of research and emphasizes writing research-based papers, including literary interpretation and critical analysis using primary and secondary sources. Independent research and interdisciplinary connections are encouraged for students to make connections to other related areas of humanities, philosophy and literature in the Honors Program. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for ENL 2012H or ENL 2012.)

ENL 2022 British Literature II (since 1800) 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H or appropriate score on the college placement test. . This course is a study of British literature of the 19th and 20th centuries from the same approach as that of British Literature I. This course also stresses methods of library research and emphasizes composition of the research paper and the paper of literary interpretation. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements. British Literature I is not necessarily a prerequisite to this course).

ENT 1000 Intro to Entrepreneurship 3.00 Credits

This is a practical course designed to assist students in determining if they have the traits and skill set to be entrepreneurs. It is designed for students who think they may want to start a business for the first time or for those already in business seeking to expand or diversify. Emphasis will be placed on the practical aspects of creating and running a business and on teaching the skills and tools for effective decision making. Topics will include: feasibility studies, SWOT analysis (strengths, weakness, opportunities, threats), market research, opportunity recognition, idea and product development, team formation, resource funding, and basics for business plan development.

ENT 1012 Entrepreneurship Management 3.00 Credits

Prerequisite: ENT 1000 . This course seeks to provide the knowledge, skills and tools for students to successfully plan, design and manage a new business venture. It is intended for those students considering self-employment for the first time or for those who are already committed as entrepreneurs. The processes of launching an entrepreneurial venture and learning the skills and techniques necessary for effective management, growth and exit strategy will be covered in the course. Students will analyze the decision making models and strategies and apply them in the management of business ventures.

ENT 2010 Planning the Entrepreneurial Venture 3.00 Credits

Prerequisite: ENT 1000 . This is a practical course designed to guide students through the process of planning and preparing a business plan for the purposes of launching and funding an entrepreneurial venture. It is created and developed for students who have a business idea they are interested in pursuing as a start-up company or have an existing business they are planning to expand or diversify. Emphasis will be placed on the necessary research and analysis that is a required part of writing a business plan and the basics for launching and financing a new venture.

ENT 2120 Entrepreneurial Marketing and Sales 3.00 Credits

Prerequisite: ENT 1000 . This course provides the knowledge, skills and tools for students to successfully plan and research the marketing components and financial aspects of launching a new business venture. This is a practical course intended for those students considering self-employment for the first time or for those who are already committed as entrepreneurs and seeking to expand or diversify their product or service offerings. Students will research target markets, pricing and product placement, competition, study feasibility, and learn the budgeting process critical to business success. Students will analyze decision making models and strategies as they pertain to marketing, sales and financing a business venture.

ENT 2612 Creativity and Innovation in a Business Environment 3.00 Credits

Prerequisite: DIG 2545 and DIG 2091 . This course will examine the creativity process and the organizational environment in several organizations recognized as creative and innovative. It is organized around class discussions, workshops, projects, both individual and team-based, cases, a field trip and visiting experts. It will be very interactive, and is designed to be based in experiential learning.

ESC 1000C Earth Science 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) . This course is an introduction to the essential principles relevant to the earth sciences. Contemporary issues are applied to topics in earth science and include the process of science, fundamental understanding of how the earth sciences are expressions of chemistry and physics, and the economic, environmental, and social impacts related to earth materials and processes. This course is taught in a "C" format with 2 hours of lecture and 1 hour of lab. (Note: Credit is not given for both ESC 1000C and ESC 1000/L).

ETC 2521C Hydraulics and Hydrology 3.00 Credits

Prerequisite: MAC 1105 or MGF 1106 or MGF 1107 or STA 2023 or STA 2023H . This course is an introduction to the basic theory, engineering concepts and design technology of hydraulics and hydrology, which is the distribution, conveyance and management of water. Topics include the watershed, stream flow analysis, drainage areas, detention ponds, retention ponds, storm water run-off, and hydraulic flow in pipes and in open channel systems.

ETD 1320C Introduction to CAD 3.00 Credits

This course is about using the major features of AutoCAD to make graphic displays including basic geometric figures, orthographic views of three-dimensional objects, architectural and construction drawings, and pictorial drawings of three-dimensional objects. The major topics include the AutoCAD drawing, utility, file handling, text, editing, dimensioning, and plotting features. (Note: This course is 2 hours lecture and 3 hours lab. MAC computers are not recommended for ETD courses.).

ETD 1340C AutoCAD II 3.00 Credits

Prerequisite: ETD 1320C . This course is a continuation of Introduction to CAD. The student will learn the advanced topics in AutoCAD using intermediate techniques of AutoCAD software to develop three dimensional drawings, construction drawings and

architectural drawings. The major topics include plotting by various methods, use of the rotation option to draw auxiliary views, extended work with hatching, extended work with blocks and wblocks, dimensioning, use of attributes, library files, polylines, solids, system variables, and customizing AutoCAD. (Note: MAC computers are not recommended for ETD courses.)

ETD 1350C AutoCAD Inventor (3D modeling) 3.00 Credits

Prerequisite: ETD 1320C or Permission of the Program. This course covers the construction, viewing, and plotting of three-dimensional drawings of objects, including construction and architectural drawings. The major topics involve the construction of three-dimensional drawings by the use of various AutoCAD three-dimensional drawing facilities including (1) prismatic-object construction, (2) preconfigured primitive objects, (3) three-dimensional coordinates, and (4) three-dimensional surface entities. (Note: MAC computers are not recommended for ETD courses.)

ETD 1390C Introduction to Architectural Revit 3.00 Credits

This is an introduction course using Revit architectural software to produce three dimensional (3-D) designs and details of buildings. Topics consist of the techniques and methods to create architectural buildings to include: site plans, floor plans, roof design, 3-D photo-realistic rendering, and creating two dimensional (2-D) architectural drawings from the construction's documents set of structural drawings. (Note: MAC computers are not recommended for ETD courses.)

ETD 2364C Introduction to SolidWorks 3.00 Credits

This course is an introduction to the new designing techniques and capabilities of solid modeling using the SolidWorks software. Topics include the integration of advance parametric solid modeling drawing tools into SolidWorks. (Note: MAC computers are not recommended for ETD courses.)

ETD 2368C Advanced SolidWorks 3.00 Credits

Prerequisite: ETD 2364C or Permission of the Program. This course presents the advanced use of new designing techniques and capabilities of solid modeling using the SolidWorks software, including the integration of the advanced parametric modeling and drawing tools for SolidWorks. The course topics to be covered include advanced 3D sketching, advanced work planes, advanced assembly construction, bottom up and top down, part configuration, Solid Works Tool Box applications, concept of mold design, and creation of sheet metal parts and assemblies. (Note: MAC computers are not recommended for ETD courses.)

ETD 2369C SolidWorks Applications 3.00 Credits

Prerequisite: ETD 2364C . This course presents the complex application of advanced designing techniques and capabilities of solid modeling using the SolidWorks software, including the integration of the advanced parametric modeling and drawing tools for SolidWorks. The course topics covered include advanced sketching, advanced assembly construction, mechanism design, CosmosWorks, PhotoWorks, the creation of molded parts, and rendered parts. (Note: MAC computers are not recommended for ETD courses.)

ETD 2371C Rapid Protyping Model Design and Fabrication 3.00 Credits

Prerequisite: ETD 2364C and (ETD 2368C or ETD 2369C) . Rapid model making and prototype design is a valued part of many industries, including transportation, architecture, product, packaging, media, and entertainment. The growth of rapid prototyping technology has opened up new areas of development in design representation, such as simulation analysis and various rapid prototyping processes. This course will develop elements of creative thinking and problem solving used in the design process, including the techniques and methods used to construct prototypes and models. In the project aspect of this course, the students select a field of specialization to explore methods and materials in a number of options in industrial environment with the use of computer simulation, modeling, and rapid prototyping. (Note: MAC computers are not recommended for ETD courses.)

ETD 2372C Rapid Prototyping II-Manufacturing Methods 3.00 Credits

Students will explore simulation and design analysis of rapid prototyping and learn the relationships of physical prototyping to the design industry by developing a manufacturing project plan. Reverse engineering and failure prevention will also be studied during this course. When available, field trips to local manufacturing facilities will expose the students to current industry practices and the latest technologies. Several problem-solving projects will test their creativity, design abilities, and prototyping skills. The class

environment will foster a design community providing feedback and critique from classmates. (Note: MAC computers are not recommended for ETD courses.)

ETD 2382C SolidWorks Simulation Design Analysis 3.00 Credits

Prerequisite: ETD 2364C and (ETD 2368C or ETD 2369C) . This course will use the Finite Element Analysis (FEA) theory topics to cover static component forces and resultant force analysis of basic shapes using SolidWorks simulation design analysis. The major topics will address model definition, model shape and setup, analysis type based on environmental conditions, analysis assumptions and limitations, convergence techniques that will lead to a more exact solution to the analysis, interpreting the results correctly, and using these results to optimize the baseline design based on design requirements. (Note: MAC computers are not recommended for ETD courses.)

ETD 2392C Advanced Architectural Revit 3.00 Credits

Prerequisite: ETD 1390C or Permission of the Program: : . This is an advanced course of Autodesk Revit to create, design and produce construction and schematic drawings of mechanical, electrical and plumbing systems of a building project. Topics include the techniques used to create architectural building drawings to include an overview of the Building Information Modeling (BIM) process, including the design integration of the various building disciplines: architectural, interior design, structural, mechanical, electrical and plumbing (MEP). (Note: MAC computers are not recommended for ETD courses.)

ETD 2930C Advanced AutoCAD Applications 3.00 Credits

Prerequisite: ETD 1340C . This course is a continuation of the topics introduced in ETD 1320C & ETD 1340C. Advanced AutoCAD will offer students an industry specific and relevant curriculum, which will cover topics such as advanced drawings setup, contract document creation, plan set preparation, printing/plotting and incorporating a freely available third-party source such as aerial imagery. The student will expand on their knowledge of AutoCAD by using design and drafting techniques that can be easily transferred to a modern office/work environment. The course is designed to meet the requirements of today's engineering, architecture and construction fields (AEC). Students will learn to develop construction drawings and/or architectural drawings using CAD workflows currently employed by many of today's industries. Once completed students should be able to transition to an office environment in the AEC field. Upon completion student will also be prepared to take the Autodesk AutoCAD Professional Certification Exam.

ETI 1030 Regulatory Environment for Medical Devices 3.00 Credits

This course will provide an understanding of the basics of the Food and Drug Administration (FDA) regulation and compliance for medical devices including how the various activities within a medical device company are affected by the FDA regulations. Additional coverage will include the applicable laws and regulations enforced by the FDA; international standards and regulations, the regulations controlling medical device design and development; the medical device approval process; laboratory and clinical studies, the introduction to the Quality System Regulations (QSRs); and the FDA inspection process.

ETI 1100 Statistical Process Control 3.00 Credits

This course will present students with the theories and methods of modern quality control techniques. Students will be introduced to the importance of Statistical Process Controls (SPC) in controlling and improving the production process and emphasis is placed on the practical knowledge of using statistical methods for analysis. Topics will include process capability, control charts, acceptance sampling, principles and theories of process improvement.

ETI 1110 Introduction to Quality Assurance 3.00 Credits

This course defines the role of quality in an industrial environment. Topics include the use of quality management techniques and quality philosophies, process development, techniques used for evaluation, approaches used on continuous operations, methods used to control quality, and the International Organization for Standardization (ISO) series of standards. The responsibility of quality assurance during the engineering, manufacturing, and marketing of a product is also covered. Quality management ensures that an organization, product or service is consistent. It has four main components quality planning, quality assurance, quality control and quality improvement.

ETI 1420 Manufacturing Processes and Materials I 3.00 Credits

This course provides coverage of the characteristics, fundamentals, and manufacturing properties of materials, including metal alloys, polymers, ceramics, and composites. The metal-casting processes and the shaping and forming processes are also covered along with the machines needed for manufacturing.

ETI 1622 Intro to Lean Six Sigma 3.00 Credits

This course provides an introduction to the basic principles, and theories of lean manufacturing. Lean manufacturing involves identifying and eliminating non-value-adding activities in design, production, and supply chain management. The course introduces the concepts of Juran, Demming, Taylor, Ford, Shingo, and Ohno. The coverage also includes topics related to cost reduction, work-free manufacturing, continuous flow, Kaizen, the 5S's, value stream mapping, modular manufacturing, and overall equipment effectiveness (OEE).

ETI 1628 Process Improvement Teams 3.00 Credits

This course begins with an exploration of teams and how they work. Process improvement teams create the opportunity to mix complementary technical work skills to improve a process. The coverage includes the principles and tools used by self-directed teams in identifying and solving problems in the workforce.

ETI 1701 Industrial Safety 3.00 Credits

This course focuses on the theories and principles of occupational safety and health in a practical and useful real world job related setting. The major topics include the Occupational Safety and Health Administration (OSHA) compliance, safety standards, code enforcement, ergonomic hazards, mechanical hazards, falling, lifting, electrical hazards, fire hazards, industrial hygiene, radiation, noise, emergencies, and environmental safety.

ETI 2031 Risk Management and Assessment for Medical Devices 3.00 Credits

Prerequisite: REA 0007 . This course provides the students with an in-depth understanding of the principles and techniques of identifying, evaluating, and controlling risks associated with the development and production of medical devices. This course will cover risk management planning, risk analysis process, and risk management reporting. Topics will include the relationship between regulatory requirements and risk management, tools for hazard identification, methods for the mitigation of risks, and approaches for analyzing risk versus benefit.

ETI 2032 Change Control and Documentation 3.00 Credits

This course will cover the change control activities and procedures that apply to the design of systems, the components within those systems, labeling and packaging, device manufacturing processes, production equipment, and manufacturing materials. Additional topics will include all associated documentation such as the quality system procedures, standard operating procedures, the quality acceptance procedures and data forms, and product-specific documentation.

ETI 2041C Medical Device Design and Prototyping 3.00 Credits

Pre or Corequisite: ETD 2371C or ETD 2372C . This course will provide an understanding of the processes and procedures for manufacturing medical devices. Topics include the design process, design tools, prototyping, product development, documentation, post market surveillance, and corrective and preventative actions.

ETI 2171 Quality Auditing for Medical Devices 3.00 Credits

This course presents the principles and techniques for assessing the adequacy of a quality system for a medical device manufacturer. Coverage includes evaluating the quality system as it conforms to FDA regulatory requirements, standards, review of standard audit terms, audit types, audit concepts, and methods for planning, conducting, and reporting audits.

ETI 2610 Six Sigma Methodology and Tools 3.00 Credits

Prerequisite: ETI 1622 and ETI 1100 . This course provides an introduction to the basic principles and theories of Six Sigma as used in the continuous improvement process. The course examines the tools most common to six sigma projects, like DMAIC (define,

measure, analyze, improve, and control), and how and when to use them. Course coverage focuses on measurement methods, data collection, data integrity, and graphical methods of presenting findings.

ETI 2619 Six Sigma Project Management 3.00 Credits

This course provides the concepts and methods for implementing Six Sigma project management utilizing Six Sigma methodologies. The course will cover the aspects of developing projects, managing risk, understanding customers' needs and requirements, estimating costs, developing schedules, integrating cost and schedule controls, and evaluating projects. This course will also utilize a variety of project management tools and performance measures including the model of define, measure, analyze, improve, and control (DMAIC).

ETI 2623 Lean Systems 3.00 Credits

Prerequisite: ETI 1622 . This course provides an overview of Lean concepts with a working knowledge of the tools required to implement and maintain a Lean facility. Course coverage includes mistake proofing, the 5S's for operators, quick changeover, Overall Equipment Effectiveness (OEE), and the kanban system.

ETI 2624 Six Sigma Black Belt Concepts 3.00 Credits

This course addresses the roles and responsibilities required for a Six Sigma Black Belt candidate. This course also covers the advanced six sigma tools beyond those tools using the model of define, measure, analyze, improve, and control (DMAIC). The student will be required to exhibit a mastery of the concepts and tools through projects, exercises and case studies as they apply to both manufacturing and service industries.

ETI 2626 Six Sigma Capstone Project 3.00 Credits

The student will develop a suitable Six Sigma project by utilizing the Six Sigma methodologies. A specific problem or set of problems will be identified and solved using the Six Sigma methods of improvement to deploy on the project. This course will emphasize the different phases of the project to include design, verification, and implementation. The completion of this project requires a written report and a formal presentation of the Six Sigma process.

ETI 2670 Technical Economic Analysis 3.00 Credits

This course defines the economic evaluation of engineering alternatives and analysis of cost allocation in technical operations. Topics include the time value of money and the economic impact of risk, inflation, depreciation, and capital budgeting with applications related to those areas.

ETI 3647 Supply Chain Management 3.00 Credits

Prerequisite: MAN 3504 and Admission to: TMGT-BAS: Technology Development and Management or INTBUS-BAS: International Business or BUS-BS: Business Administration or SUSMGT-BAS: Sustainability Management or MGTORG-BAS: Management and Organizational Leadership or SCMGT-ATC: Supply Chain Management . This course builds on the basic concepts learned in operations management in order for students to further understand how to build and implement supply chain or value chain networks. Students learn principles, processes, technologies, strategies, and analytical techniques used to integrate global supply chain management best practices. Emphasis will be on the student developing an enterprise wide and systems view to manage the flow of information, physical distribution, and revenue required to deliver products and services from raw materials through end consumer use (and reverse flow). This course will incorporate basic supply chain management, customer demand management, inventory management, supplier relationship management, and logistic management as they relate to the core aspects of this management practice.

ETM 1010C Mechanical Measurement 3.00 Credits

This course provides the basic foundation for both mechanical and electronic measurement techniques used in manufacturing environments. The course will integrate the concepts, principles, and techniques of mechanical measurement with the use of various types of instruments including micrometers, verniers, calipers, gages, and other types of measuring equipment. The course will also introduce the student to the basic measurement techniques employing electronic test equipment like multimeters.

ETM 2315C Fluid Power 3.00 Credits

This course is an introduction to the basic hydraulic and pneumatic systems and devices found in advanced manufacturing facilities. The laboratory will reinforce the principles learned through hands-on experiments.

ETS 1407 Survey of Medical Technology 3.00 Credits

Prerequisite: BME 1008C . This course is an exploration of the technology used in a health care setting. Students will explore technology within the context of the hospital including specialty units. Students will learn the general functions of technology and the related physiological functions addressed. Students will develop a lexicon of terminology associated with health care environment. Particular attention is given to safety and regulatory considerations.

ETS 1412C Managing Medical Technology 3.00 Credits

Prerequisite: EET 1084C . This course is designed to introduce the students to the hospital, biomedical equipment manufacturers and the contract maintenance organizations, emphasizing the organizational structure in professional environments and identifies the role of the Biomedical Equipment Technician (BMET) within this framework, with particular emphasis on instrument critiques, electrical safety standards, and new products.

ETS 1511C Motors and Controls 3.00 Credits

Prerequisite: EET 1035C . This course provides a theory of operation of direct current (DC) and alternating current (AC) motors. Major Topics includes motor components, forces, nema ratings, nameplate information, inverter and pulse width moderator drives, AC to DC rectifiers, and signal regeneration for 3-phase systems. Students will apply this knowledge during hands-on laboratory experiments.

ETS 1535C Automation and Sensors 3.00 Credits

Pre or Corequisite: EET 1035C . This course prepares the student for working in the area of process control automation. Lecture and lab assignments provide experience with sensors, level control, flow control, pressure control, temperature control, digital set point and analog processing, and P.I.D. control (piping and instrumentation diagram).

ETS 1542C Programmable Logic Controllers (PLCs) 3.00 Credits

Pre or Corequisite: EET 1084C . This course covers fundamental ladder logic, programmable controller theory, application techniques, and design and troubleshooting of PLC-based (programmable logic controller) systems in classroom presentations, lab experiments, simulation trainers, and multi-modal software learning labs. Hands-on replications of PLC functions are created in the lab.

ETS 2424C Electro-Mechanical Systems 3.00 Credits

Prerequisite: EET 1084C and BME 1008C and Pre or Corequisite: EET 1205C . This course teaches the basic concepts of a wide array of biomedical equipment including ultrasound and x-ray device operation, basic troubleshooting techniques, and the use of appropriate test equipment.

ETS 2440C Optics and Imaging 3.00 Credits

Prerequisite: BME 1008C . This course is one of the final core courses in the Biomedical Engineering Technology program. It covers more advanced topics such as lasers, lights, optics, and imaging equipment. This course will introduce students to the wide range of imaging technologies and the theories and practices of how they work.

ETS 2450C Medical Device Networking 3.00 Credits

Prerequisite: CNT 1000 . In this course students will learn concepts related to network communication in the hospital environment. Students will learn the fundamental concepts needed to connect medical technology to a network and common network troubleshooting issues.

ETS 2470C Medical Device Cybersecurity 3.00 Credits

Prerequisite: CNT 1000 . This course reviews cybersecurity concerns in the healthcare field. Students will learn about healthcare computer security, security threats, network vulnerabilities, access controls, HIPPAA, and ways to prepare for cyber-attacks.

ETS 2604C Robotics 3.00 Credits

This course is designed to introduce students to the basic principles of robots. Course content will include classification, operation and programming, maintenance, troubleshooting and applications in the robotics industry. Students will use hands-on practices to become familiar with sections of a robotic system.

ETS 2940 BMET Work Experience 1.00 Credits

Other: Permission of Program Director. This course is a discipline-related internship providing students with meaningful work experience in a chosen career field. The course is designed to allow students to learn on-the-job as part of their educational program of study under direct supervision of a senior-level Biomedical Equipment Technician (BMET) or clinical engineer. BMET Field Experience will allow students to serve as an entry-level clinical equipment support technician and to provide inventory control, minor repairs, and maintenance of medical equipment technologies, devices, instruments, and systems. This will allow students to utilize knowledge acquired in the classroom and laboratory to evaluate, troubleshoot and repair various types of biomedical equipment. Additionally, students will learn to function in a professional environment.

EUH 1000 Development of Western Civilization I 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the college placement test . This course covers the origins and development of western civilization beginning with the ancient world and classical civilizations, the Middle Ages, the transition to modern states and politics of power, the Protestant and Catholic Reformations, and the Commercial Revolution of the 16th Century. Emphases are on the relevance of the political, social, economic and cultural trends of each period upon our present world society. (Note: This course partially satisfies the writing requirements as outlined in the General Education Requirements).

EUH 1001 Development of Western Civilization II 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or satisfactory score on the college placement test . This course covers the evolution and continuation of western civilization since the 16th century. A study of governments from absolutism to democracy, European power politics; duels for world empire; scientific, cultural, political, social and industrial revolutions; nationalism, imperialism, and global conflicts are included. Emphases are placed on relevance of past history upon our present world society. (Note: This course partially satisfies the general education writing requirements outlined in the General Education Requirements).

EVR 1001C Introduction to Environmental Science 3.00 Credits

Other: Demonstration of college-level math, reading and writing or appropriate score on the college placement test. . This course applies the basic principles of ecological and geophysical sciences to relevant problems and topics related to the environmental interaction of humans with the earth. The course is designed to highlight current environmental concerns in modern society and to explore potential solutions. This course will also cover sustainability definitions, assessment and actions from a multidisciplinary perspective to help learners create a personal definition that will inform their actions. The course will examine the environmental, economic, and social dimensions of environmental science. Environmental principles, policies, and programs will be explored on the local, national and global level. This class will teach students how to understand the complex confluence of the environment, social systems, economics, and ecological literacy.

EVR 1016 Hazardous Waste/ Materials Management 3.00 Credits

Prerequisite: CHM 1025 and CHM 1025L and EVR 1858 and (EVR 1001C or EVS 1001) or Permission of the Program: : . This course is intended to provide multiple aspects of hazardous waste and materials management. The student will develop familiarity with local, state, and federal regulations that govern waste; discuss internal and external environmental site audits; and examine future trends in the generation, treatment, and storage of wastes. Emphasis will be placed on generation of hazardous wastes; treatment and reuse to reduce human environmental health risks; and how residual wastes should be stored to minimize health risks. Mechanisms of how wastes cause disease and environmental resource degradation will be presented.

EVR 1017 Ecosystems and Societies - IB 4 3.00 Credits

Ecosystems and Societies - IB score of 4

EVR 1018 Ecosystems & Societies IB Score of 5-7 3.00 Credits

EVR 1018 and EVR 1999 for a minimum of 6 credits

EVR 1263 Urban Pollution 3.00 Credits

Prerequisite: (EVR 1001C or EVS 1001) and (CHM 1025 and CHM 1025L) or Permission of the Program: : . This course is intended to provide an overview of urban pollution issues in a historical context and through examining current urban pollution priorities. Topics covered include the history of environmental services in urban America related to wastewater sanitation, water supply contamination, public refuse management, industrial waste impacts, air pollution, and surface water issues. An in-depth examination of advancements in environmental technological, management practices, and public service related to these topics will be pursued to achieve the requisite knowledge of urban pollution.

EVR 1310 Renewable Energy Resources, Energy Efficiency and Conservation Methods 3.00 Credits

Prerequisite: EVR 1001C or EVS 1001 or Permission of the Program: : . This course is intended to provide an overview of energy resources with special attention to the leading renewable energy resources. Topics covered include the science of energy, historical context of energy use and policy, energy efficiency and conservation strategies, and a survey of all sources of energy (e.g., fossil fuel, nuclear, and renewable). An in-depth examination of recent advancements that include the environmental, economic, and social impacts of renewable energy will be pursued to achieve the requisite knowledge of energy issues.

EVR 1328 Natural Resources Conservation and Management 3.00 Credits

Prerequisite: (ENC 0025 and MAT 0028 and REA 0017) or (MAT 0028 and EAP 1695) . This course is designed to present the history, major components, status, ecology, conservation, and management of natural resources. Emphasis is placed upon the ecology, conservation, and management of natural resources including studies and examination of techniques and management programs implemented in the region.

EVR 1357 Wetland Resources 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028 or) (EAP 1695 and MAT 0028 or) Other: appropriate score on the college placement test. and Pre or Corequisite: EVR 1001C . This course will introduce the student to the ecology and management of wetlands habitats. It will introduce the physical, biological and chemical factors that influence wetlands, as well as variations in these factors that serve to differentiate different wetlands types. The course will also introduce past and present representative legislation that impacts wetland preservation and management.

EVR 1858 Environmental Regulation and Compliance 3.00 Credits

Prerequisite: (ENC 0025 REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) or Permission of the Program. This course is intended to provide an overview of environmental regulations and compliance issues related to current environmental law. Topics covered include the history and foundation of environmental regulations, current and possible future regulations and the manner in which compliance is achieved at local, state and federal levels. An in-depth examination of the applicable regulations and administrative compliance with administrative structure will be pursued to achieve the requisite knowledge of environmental issues.

EVR 2316 Solar Energy Principles and Applications 3.00 Credits

Prerequisite: EVR 1001C or EVS 1001 or Permission of the Program: : . This course is intended to provide an overview of solar energy principles and applications. Topics covered include the science of solar energy, historical context of solar energy, its use, and related policy with an in-depth examination of solar thermal and solar electricity technologies. The environmental, economic, and social impacts of solar energy will be pursued to achieve the requisite knowledge of solar energy, including the issues, financial considerations, prospects, and potential related to solar energy applications.

EVR 2892C Environmental Sampling and Analysis I 3.00 Credits

Prerequisite: (EVR 1001C or EVS 1001 and) (CHM 1025 and CHM 1025L or) Permission of the Program: : . This course is intended to build student knowledge, skills and experience in environmental sampling and analysis. Topics included are the Florida Department of Environmental Protection standard operating procedures for the collection of surface water, groundwater, wastewater, potable water systems, and sediment. Hands-on field activities will complement class room exercises related to these topics to achieve the requisite knowledge of environmental sampling and analysis.

EVR 2910 Undergraduate Research in Environmental Science 1.00 Credits

Prerequisite: EVR 1001C and Permission of the Program. Students (individually or in a group) design, conduct, analyze and present environmental science research that is proposed by the student. A full-time professor will provide supervision and guidance. The course is intended to help students acquire skills in applying research principles and obtain practice in data collection and reporting. The research project is recommended by a full-time faculty member to the Academic Chair. Upon approval by the Academic Chair, the proposal is forwarded to the Dean, Natural Sciences for approval. (Note: This course may be taken up to 6 times for a total of 6 credits.)

EVR 2930 Special Topics in Environmental Science 1.00 Credits

Prerequisite: EVR 1001C and EVR 1328 . This course is an open format course designed to address the needs and interests of students and provide an opportunity to either obtain industry certification or prepare for an industry certification exam as it relates to the environmental field. Topics may vary from semester to semester. (Note: This course may not be repeated for credit towards major requirements).

EVR 2949 Co-op Work Experience 2.00 Credits

Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. (Note: The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments).

FES 3003 Political and Legal Foundations for Fire Protection 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will provide the student with an overview of society's need for planning for disastrous situations. This course examines the legal aspects of the fire service and the political and social impacts of legal issues. This course includes a review of the American legal system and in-depth coverage of legal and political issues involving employment and personnel matters, administrative and operational matters, planning and code enforcement, and legislative and political processes with regard to the fire service.

FES 3015 Advanced Fire Administration 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This is an executive level course introducing the student to the concepts and processes of fire service administration. The course will prepare the student for upper level fire service management. The course will focus on modern fire protection, resource management, fire prevention, and support services including intergovernmental coordination.

FES 3533 Community Fire & Risk Reduction 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This is an executive level course introducing the student to the concepts and process of fire and risk reduction within a community. The course will prepare the student to study the community, assess community risks, develop supporting networks, develop strategies for intervention, action plans, and perform risk reduction program evaluation.

FES 3780 Analytical Approaches to Public Fire Protection 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course examines tools and techniques of rational decision making in fire rescue departments, including the use of databases, statistics, probability, decision analysis, utility modeling, resource allocation, cost-benefit analysis, and linear programming.

FES 3823 Planning Methodology for Hazard Mitigation 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or EAM-ATC: Emergency Management . This course will provide the student with an overview of society's need for planning for disastrous situations. The lessons will discuss the best practice and proper methodologies required when developing land for farming or construction and disaster preventative measures. The course will also focus on mitigation measures which are required to reduce risk from natural and technological hazards. In addition, the course will provide the student with an understanding of interagency cooperation between emergency responders such as fire departments, police departments, and emergency medical personnel and the emergency manager to prevent or reduce injury and damage from a disaster.

FES 3833 Emerging Issues in Environmental Disaster Management 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or EAM-ATC: Emergency Management . This course will provide the student the opportunity to analyze many man-made and natural disasters. The focal point is to infuse each disaster with the role of today's Emergency Manager. This course will examine the response of an Emergency Manager to a disaster and the subsequent impact on other agencies. In addition, students will be introduced to methodologies dealing with disasters and the integration of other emergency responders, such as fire departments, police departments and emergency medical services.

FES 4014 Evolution of Emergency Management 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or EAM-ATC: Emergency Management or Permission of the Program: : . This course examines the history and the principles establishing Emergency Management in the United States. It describes the Four Phases of Emergency Management, relates processes to codes and laws governing Emergency Management, and examines Emergency Management and the terrorist threat.

FES 4585 Fire Prevention Organization and Management 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration . This course will provide the student with an overview of society's need for planning for disastrous situations. This course reviews fire prevention background and concepts; non-governmental fire prevention functions; government fire prevention efforts; preparation of fire prevention personnel; fire prevention through building and fire safety codes; effective fire prevention inspection; human reaction to fire emergencies; public fire education; research in fire prevention; international fire prevention practices; evaluation of fire safety efforts; cause determination; and arson suppression.

FFP 0030 Basic Firefighter I 0 Credits

Prerequisite: (Physical Abilities Test (PAT) - Pass) and (Emergency Medical Responder Certification or Emergency Medical Technician Certification or Paramedic Certificate [Not required for FFEM Combo PSAV]) . This course presents the history of the fire service, firefighter safety and health, communications, building construction, the science of fire, personal protective equipment, fire extinguishers, ropes and knots, ladders, ventilation, water supply, hose handling, fire streams and fire control, property conservation, scene safety, forcible entry, and fire and life safety initiatives. This course is the first part of the State Firefighter Minimum Standards basic recruit academy and is followed by FFP 0031 Firefighter II.

FFP 0031 Basic Firefighter II 0 Credits

Prerequisite: FFP 0030 . This course presents information on fire department communications, reporting requirements, building construction hazards, structural collapse, rescue and extrication, maintenance of electric generators and lighting equipment, service testing fire hose, fire-fighting foam, coordinating fire ground operations, advanced origin and cause, fire protection systems, conducting private dwelling fire safety surveys, incident command system, Florida Statewide Emergency Response Plan (SERP), air monitoring, emerging challenges for firefighters, and firefighter safety and survival. Students who successfully complete Firefighter I & II or SPC's FFEM Combo Vocational Certificate Program will become eligible to take the written and practical competency tests for Firefighter II which are administered by the State Fire Marshal's Bureau of Fire Standards and Training.

FFP 1103 Florida Incident Safety Officer 3.00 Credits

This course will cover both national and Florida specific information relating to an Incident Safety Officer. Topics include: The Safety Officer's Role; Safety Concepts; Regulations, Codes, Laws, Standards and Procedures; Designing an ISO System; Professional Development; Reading Buildings, Smoke, Risk, Hazardous Energy, and Firefighters; Triggers, Traps and Working within ICS; Basic Approach to ISO Duties; ISO at Structure Fires, Wildland Fires, Haz Mat Incidents and Technical Rescues; and Post incident. 47 contact hours.

FFP 1104 Legal Issues for Safety Officers 3.00 Credits

Upon completion of this course, the student will be able to identify the applicable Florida statutes and rules pertaining to safety and Line of duty deaths, explain the basic concepts of our legal system, the components and procedures regarding the conduct of an investigation, an understanding current litigation trends and the consequences of unsafe operations.

FFP 1109 Fire Department Occupational Safety and Health 3.00 Credits

This course is a study of the guidelines for establishing an occupational safety and health program for a fire department, plus safety procedures for members involved in rescue, fire suppression, and related activities. Emphasis is placed on performance objectives, and not a single correct way to achieve compliance. The guidelines discussed in the course are flexible, so students can customize an occupational safety and health program that will meet their specific needs.

FFP 1111 Fire Chemistry 3.00 Credits

This course is a study of basic physical and chemical properties of materials applicable to the chemistry of fire. Emphasis is on emergency situations and the most favorable methods of handling incidents involving hazardous material.

FFP 1505 Fire Prevention 3.00 Credits

This course is a survey of the principles of fire prevention and investigation. It includes a study of fire hazards in various occupancies; a review of fire prevention codes; a study of procedures and techniques of fire prevention inspection, public relations, methods of determining the area of fire origin, fire cause, fire spread and location and preservation of evidence.

FFP 1540 Private Fire Protection Systems I 3.00 Credits

This course is a survey of fire protection systems and domestic water supply. The operational feature and functional characteristics of fire detection and suppression systems and devices will be studied.

FFP 1823 Technical Applications in Emergency Management 3.00 Credits

Prerequisite: Computer Competency met. . This course provides optional methods of managing both internal and external information. It explores information gathering, organization and data systems. Topics include warning and communications systems, and crisis communications. It also provides a study of advanced applications of personal computers in emergency management including detailed analysis and application of current emergency management software.

FFP 1830 Introduction to Hazards 3.00 Credits

This course provides an in-depth study of the details and dynamics of natural and man-made hazards. This course includes methods and means to measure, monitor and predict the physical impact of hazards on society.

FFP 2120 Building Construction for the Fire Service 3.00 Credits

This course examines the various types and methods of building construction and their influence on fire travel and life safety. Fire resistance of building materials and problems inherent in new construction as well as existing buildings are examined closely.

FFP 2510 Fire Codes and Standards 3.00 Credits

This course is a study of building and life safety codes in relation to types of occupancies, building design, fire resistance of building materials, fire problems inherent in structures and life safety considerations. A problem solving emphasis is used to provide opportunities for application of building and life safety code enforcement methods to prevent and correct building design problems.

FFP 2521 Blueprint Reading and Plans Review 3.00 Credits

This course is a comprehensive study of building construction blueprints and plans. The course will teach the student how to assimilate information contained in construction working drawings, specifications, interpreting conventional graphic communications, and accepted standards and conventions related to fire protection and prevention inspections.

FFP 2541 Private Fire Protection Systems II 3.00 Credits

Prerequisite: FFP 1540 . This is a survey of pre-engineered and portable systems, extinguishing agents, inspection procedures for code compliance and enforcement, and alarm systems.

FFP 2706 Fire Service Public Information Officer 3.00 Credits

This course prepares the student to serve effectively as an organizational spokesperson, according to the current practices in the profession of public relations in relationship to the Fire Service. Particular emphasis will be placed on case studies in crisis communications and the role of the Public Information Officer (PIO) in the Incident Management System (IMS).

FFP 2720 Company Officer 3.00 Credits

This course is a study of the basic concepts of fire company leadership, including the human skills, leadership tools, problem solving, and goal achievement of a company officer. Emphasis will be placed on the role of the officer in the setting of the fire company.

FFP 2740 Fire Service Course Delivery 3.00 Credits

This course is a study of the instructor's responsibility in idea communication, learning and teaching concepts, job analysis, teaching objectives and instructional aids use. This course is required to become eligible to sit for the Florida State Fire Officer certification exam.

FFP 2741 Fire Service Course Design 3.00 Credits

This is a course of study of how to develop courses based on nationally applicable performance standards for uniformed fire service personnel and to provide the knowledge, skill, and ability to develop a training curriculum.

FFP 2770 Ethical and Legal Issues for the Fire Service 3.00 Credits

This course introduces the federal, state, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of relevant court cases.

FFP 2800 Emergency Management Public Education Programs 3.00 Credits

This course provides a study of the design, development and delivery of public disaster safety education and programs including: methods of identification of disaster safety programs; the selection of target programs and strategies to affect reduction; methods of designing and implementing information and education programs; methods of evaluating a program's impact. Studies include theoretical and practical skills training in individual, group and mass media communications, instructional skills, planning priorities, and evaluation techniques.

FFP 2801 Fundamentals of Emergency Management 3.00 Credits

This course provides a study of emergency management systems including the following: career opportunities; tasks and responsibilities of the emergency management program manager; emergency management function; role of the emergency manager in mitigation, preparedness, response, and recovery (short and long term). It also provides a study of past civil defense and current emergency management systems since its evolution from World War II.

FFP 2810 Firefighting Tactics and Strategy I 3.00 Credits

This course is a study of the basic concepts involved in firefighting, including the behavior, firefighting fundamentals and principles of extinguishment; the proper role for a utilization of various fire companies and pre-planning fire problems. This course is required to become eligible to sit for the Florida State Fire Officer certification exam.

FFP 2811 Firefighting Tactics and Strategy II 3.00 Credits

This course is a study of the principles utilized on the fire ground for maximum manpower and equipment utilization and fire ground administration at all levels from a small fire through major conflagrations. Emphasis will be on developing critical thinking in relation to crises.

FFP 2831 Hazard Mitigation 3.00 Credits

This course provides the student specialized knowledge and skills necessary to develop programs that will reduce losses from future disasters, emergencies, and other extreme events caused by natural and man-made hazards.

FFP 2840 Disaster Recovery Operations 3.00 Credits

This course provides the student specialized knowledge and skills necessary to develop programs and activities associated with providing disaster recovery assistance and mitigation actions that will reduce losses from future disasters.

FFP 2841 Contingency Planning for Business and Industry 3.00 Credits

This course focuses on the contingency planning process for disaster preparedness in the corporate world. The student will develop a step-by-step approach to emergency planning, response and recovery for companies of all sizes.

FFP 2881 Emergency Management Leadership and Administration 3.00 Credits

This course provides the student knowledge and skills necessary for effective interpersonal relationships, including conflict management and the use of power and influence as they apply to emergency administration and leadership. The course also addresses the budget process and other related administrative duties of an emergency management program manager.

FFP 3785 Chief Officer 3.00 Credits

Permission of the Program: : . The Fire Chief Officer course will present the principles of management theory and its application to the fire service. The course will cover topics such as communications, professional development, community and intergovernmental relations, human resources, legal issues, strategic planning, public education, budget and financial issues, and emergency management.

FIL 2030 Film History 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or appropriate score on the SPC placement test . This is a survey course designed to help students gain an in-depth knowledge of the history of motion pictures and to understand the development of film and its influences over time. Students will view films ranging from silent masterpieces through current classics. The course will introduce technological developments as well as cultural and thematic developments in mass culture over time. (Note: This course has a substantial writing requirement).

FIL 2100 Motion Picture Writing I 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H . This course is designed to teach the techniques of motion picture writing, proceeding from concept to film treatment to script (short or feature length), utilizing the five-part story structure. It is intended for students interested in understanding and writing film scripts. Emphasis is on classic film genres: psychological thriller, action adventure, detective, science fiction, romance, and film noir.

FIL 2130 Motion Picture Writing II 3.00 Credits

Prerequisite: FIL 2100 . This course is designed to help students gain an in-depth knowledge of the techniques of motion picture writing and implement these techniques in original work of their own. Students will work on already existing story concepts, polish and/or revise story structure, dialogue, and action sequences, and complete a film screenplay. The course also offers students the opportunity to learn how to market their ideas and screenplays. (Note: This course has a substantial writing requirement.)

FIN 1100 Personal Finance 3.00 Credits

This course is a study of consumer buying practices, management of personal and family finances, spending income wisely, consideration of buying guides and consumer protection agencies.

FIN 2000 Principles of Finance 3.00 Credits

This course is a survey of finance. Emphasis is placed on current problems of finance and the development of basic principles. The major topics of study include the concept of money, monetary and credit systems, money and capital markets, time value of money, and characteristics of stocks and bonds.

FIN 3403 Financial Management 3.00 Credits

Admission to: BANK-BAS: Banking or BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management . College Algebra is recommended. This is an introductory course in financial analysis and decision-making from a management perspective. Topics include financial statement analysis, financial planning and forecasting, time value of money with analysis and computation tools, risk and rates of return, asset valuation, capital budgeting, and miscellaneous financial decision-making tools and methods.

FIN 4140 Personal Financial Planning 3.00 Credits

Prerequisite: FIN 3403 and Admission to: BANK-BAS: Banking or . This course examines the nature and principles of individual wealth creation and preservation. The course introduces principles for consumer financial decision making and personal money management. It will also cover the characteristics and appropriate application of modern tax, risk management and insurance, money management, investment, retirement, and estate planning tools and methods.

FIN 4323 Bank Operations & Management 3.00 Credits

Prerequisite: FIN 3403 and Admission to: BANK-BAS: Banking or BUS-BS: Business Administration . This course will provide a managerial examination of the major operating functions of the banking industry. Emphasis will be on the student developing a solid foundation from a managerial perspective of money and interest, deposits, negotiable instruments, bank loans, mortgages, commercial lending, specialized services, security, and ethics.

FIN 4414 Corporate Finance 3.00 Credits

Prerequisite: FIN 3403 and Admission to: BUS-BS: Business Administration . This is an advanced course in financial analysis and decision-making from a corporate management perspective. Topics include capital budgeting, leverage and capital structure, payout policy, working capital, derivative and mergers and other special topics in finance.

FIN 4470 Entrepreneurial Finance 3.00 Credits

Prerequisite: FIN 3403 and Admission to: (BUS-BS: Business Administration or MGTORG-BAS: Management and Organizational Leadership) . This course enhances the financing skills required for the successful entrepreneur. This course provides the essential tools and knowledge needed to build a solid financial foundation for a profitable business. It will provide students with the finance and business strategies for an entrepreneurial venture.

FIN 4504 Investments 3.00 Credits

Prerequisite: FIN 3403 and Admission to: BANK-BAS: Banking or BUS-BS: Business Administration . This course examines the nature of the modern capital markets, investments, and portfolio management. It is intended to blend theory with appropriate application to create strategies to achieve successful value creation. The characteristics and valuation of equity, fixed income, and derivative securities will be addressed.

FLN 1000 Foreign Language Met - HS 0 Credits

Foreign Language Met by 2 years of high school coursework in the same foreign language

FLN 1001 Foreign Language Met-College Transfer 0 Credits

Foreign Language Met-College Transfer credit 8-10 semester hours

FLN 1002 Foreign Language not applicable if student rec'd AA deg or higher pre 1989 0 Credits

Foreign Language not applicable if student received AA degree or higher prior to September 1, 1989

FRE 1120 Elementary French I 4.00 Credits

This course introduces students to the four skills (listening, speaking, reading and writing) of the French language and teaches students to appreciate the cultures of French speaking countries. (Note: Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

FRE 1121 Elementary French II 4.00 Credits

Prerequisite: FRE 1120 or Permission of the Program: : . This course reinforces the basic French language skills previously acquired. The course further develops listening, speaking, reading and writing skills as well as an understanding and appreciation of the cultures of French-speaking peoples. (Note: Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

FRE 2200 Intermediate French I 3.00 Credits

Prerequisite: FRE 1121 or Permission of the Program: : . This course expands and reviews the previously acquired French language skills and includes more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Enhancing vocabulary for practical purposes, including writing is emphasized. A variety of reading selections will be introduced. (Note: Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

FSE 1000 Introduction to Funeral Services 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the college placement test. . This course provides an orientation to the profession of funeral services. Topics include the historical role of funeral service from pre-Christian to modern times, functional role of the funeral service practitioner, sociology of funeral service, current and future trends, and funeral service organizations. Emphasis will be on the development of funeral service practices in the United States.

FSE 1010 Funeral Ethics 1.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES or FUNAT-ATC: Funeral Arts or Prerequisite: program director approval for the direct disposer applicant . This course is designed to help the student of funeral service to develop a strong professional set of ethics. This knowledge will help the funeral service professional do what is proper and in the best interest of the family when they are most vulnerable. Moreover, proper training in ethics will sensitize the funeral service professional to the need to build a trust and rapport with the family. This background will facilitate the often difficult task of planning funeral arrangements, both pre-need and at need, easier. These skills will also help the funeral service professional to further consider the needs of the bereaved beyond the scope of the funeral home and direct them to appropriate professionals and agencies. In essence, this course strives to develop within the funeral service student a sense of morality, which will guide his/her decisions and actions in proper treatment of the deceased and professional service to the bereaved.

FSE 1105 Thanatochemistry 2.00 Credits

Admission to: (FUNSE-AS: Funeral Services and Pre or Corequisite: FSE 1150 and) Prerequisite: (All general education courses and support classes completed or Permission of the Program). This course is a survey of the basic principles of disinfection and preservation as they relate to embalming. Especially emphasized are the chemical principles involved in sanitation, disinfection, and embalming practice. The development and use of personal, professional, and community sanitation practices is addressed as well as use and precautions related to potentially harmful chemicals that are currently used in the field of funeral service.

FSE 1150 Cremation History, Principles and Practice 2.00 Credits

Admission to: (FUNSE-AS: Funeral Services and Prerequisite: Completion of program orientation and Completion of all general education and support course requirements with a minimum grade of C) or Admission to: FUNAT-ATC: Funeral Arts or Permission of the Program: : . This course will introduce the student to cremation as it relates to funeral service. This is a survey-level course that assumes no prior knowledge of cremation. Topics covered will include the legal environment surrounding cremation, utilization of cremation Best Practices, crematory equipment, and the history of cremation.

FSE 1204 Funeral Services Computer Applications 1.00 Credits

Admission to: (FUNSE-AS: FUNERAL SERVICES or FUNAT-ATC: Funeral Arts) and Pre or Corequisite: FSE 1150 . Computer competency is highly recommended to be successful in this course. This course introduces students, through a hands-on approach, to the basic computer applications, which are part of the day to day operations of the funeral home.

FSE 2060 Funeral Directing 3.00 Credits

Admission to: (FUNSE-AS: Funeral Services and Pre or Corequisite: FSE 1150 or) Admission to: FUNAT-ATC: Funeral Arts . This course will examine the responsibilities of the funeral director from the first call until the last service rendered to the family. The course will cover various religions, fraternal, military, secular, and traditional funeral customs. The funeral director's role as a counselor is emphasized.

FSE 2061 Thanatology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the college placement test . This course emphasizes the psychological and sociological dynamics of death, dying, and bereavement and the funeral director's role in counseling families through the process. Students will study the symbolic and ritualistic aspects of memorialization and their impacts upon the emotional experience of the bereaved. A clear understanding of the grief process and its variations among individuals as influenced by psychological factors is addressed. The course also addresses the funeral director as a facilitating agent for effective mourning through personal interaction and the design and implementation of the funeral.

FSE 2080 Funeral Law 3.00 Credits

Admission to: (FUNAT-ATC: Funeral Arts or FUNSE-AS: Funeral Services) and Pre or Corequisite: FSE 1150 . This course will include legal methods of disposition, legal responsibilities of the funeral practitioner, common and statutory laws, Florida laws regulating funeral practices and establishments, crematory and cemetery laws, and probate laws for estates.

FSE 2100 Embalming I 3.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES and Pre or Corequisite: FSE 2101L and Prerequisite: (All general education and support classes are completed or Permission of the Program: :) . This course introduces the student to embalming through a study of the history, fundamentals, legal aspects, methods, terminology, sanitation, and preservation of human remains.

FSE 2101L Embalming Clinical I 1.00 Credits

Admission to: FUNSE-AS: Funeral Services and Pre or Corequisite: FSE 2100 and FSE 1150 . This course provides the student with learning activities, which will include selected experiences in the funeral home preparation room. (Note: Forty (40) hours of participation in the clinical setting are required to complete this course).

FSE 2120 Restorative Art 3.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES and Prerequisite: FSE 2100 and FSE 2101L and Pre or Corequisite: FSE 2120L . This course is designed to provide the student with the theories applied in restorative art procedures. The student will study the anatomical structure of the cranial and facial areas of the human skull, facial proportions and markings, methods and techniques used to restore facial features destroyed by traumatic or pathological conditions, and color and cosmetology theory.

FSE 2120L Restorative Art Lab 1.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES Pre or Corequisite: FSE 2120 . This course is a laboratory study of the anatomy of the human face with emphasis on developing the skills and procedures used in restorative art.

FSE 2140 Embalming II 3.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES and Prerequisite: FSE 2100 and FSE 2101L and Pre or Corequisite: FSE 2141L . This course is a continuation of Embalming I (FSE 2100). Theories and principles of embalming, embalming chemicals, cavity treatments, and disaster management will be studied with an emphasis on application to specific cases.

FSE 2141L Embalming Clinical II 1.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES and Prerequisite: FSE 2100 and FSE 2101L and Pre or Corequisite: FSE 2140 . This course provides the student with learning activities which will include selected experiences in the funeral home preparation room. Application of embalming principles to specific cases is emphasized. (Note: Forty (40) hours of participation in the clinical setting are required to complete this course).

FSE 2160 Funeral Pathology 3.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES and Prerequisite: HSC 1524 and FSE 2100 . This course is designed to introduce the student to the study of the cause and effect of disease on the human body. Topics of study will include: coroner and medical examiner, terminology, and general and special pathology. Emphasis will be on tissue changes which affect the embalming process.

FSE 2201 Funeral Home Management Operations 3.00 Credits

Prerequisite: FSE 2202 and Admission to: (FUNSE-AS: FUNERAL SERVICES or FUNAT-ATC: Funeral Arts) . This course is designed to give the student an understanding of the principles of the operations of a funeral home. Topics of study will include merchandising, casket and vault construction, pre-need and at-need funeral arrangements, funeral services forms, death benefits, and vital statistics. Lecture and laboratory experience in funeral arrangements.

FSE 2202 Funeral Home Management 3.00 Credits

Prerequisite: BUL 2241 and (ACG 2001 or ACG 2021) and Admission to: (FUNSE-AS: FUNERAL SERVICES or FUNAT-ATC: Funeral Arts and) Pre or Corequisite: FSE 1150 . This course is the study of the role and function of the funeral director as an effective manager. Emphasis is placed on small business management functions of planning, organizing, motivation, direction, and controlling in the funeral home setting.

FSE 2930 Funeral Services Professional Review 1.00 Credits

Admission to: FUNSE-AS: FUNERAL SERVICES and Pre or Corequisite: FSE 2060 and FSE 2201 and FSE 2140 and FSE 2120 and FSE 2080 and FSE 2160 and Prerequisite: FSE 1150 . This seminar type course will review all necessary procedures and requirements for state and national licensure as a Funeral Director and Embalmer.

FSE 2946C Professional Practicum 3.00 Credits

Permission of the Program: : and Pre or Corequisite: FSE 2930 . This course provides experience in the funeral home, under direct supervision of a licensed funeral director/embalmer, applying knowledge of theories and practices of funeral service. The student will perform duties and services as assigned by the preceptor and instructor to include surveillance of, and participation in, execution of total services rendered to the family. Service reports are required to be completed by the student. (Note: This course requires a minimum of 200 hours of supervised funeral home experience).

FSS 2235C Introductory Food Production Management 3.00 Credits

This course is designed to provide students with fundamental knowledge and skill in basic and intermediate commercial food production management. Included are basic principles and techniques of commercial food preparation, management of resources, use of commercial recipes, use and care of commercial equipment and evaluation of food products. The course includes safety and sanitation practices in commercial food operations.

GEB 1011 Introduction to Business 3.00 Credits

The purpose of this foundational business course is to acquaint students with the tools and vocabulary needed in all aspects of the business world. This course will cover areas such as business ownership, management, marketing, financial services, supply chain management, sustainability/social responsibility, entrepreneurship and project management and how they function together to create value.

GEB 2214 Business Communications 3.00 Credits

Students who successfully complete this course develop the written and oral communications skills needed to function effectively in a business environment. Emphasis is placed on communicating professionally in written correspondence, electronic

communications, job applications and interviews, and business presentations and reports. It is recommended that the student possess office application and communication skills before attempting this course. A webcam is required for online students. (Note: This course has substantial writing and presentation requirements).

GEB 2350 Survey of International Business 3.00 Credits

This introductory course in international business is designed to provide an overview of international trade as it relates to: existing and emerging global markets, foreign investments, its impact on financial markets, international marketing, and the operation of multinational corporations.

GEB 2940 Business Internship 1.00 - 4.00 Credits

Permission of the Program: : . This course is to be taken after the student has completed 9 credit hours in their major field of study. The purpose of this course is to allow students a real world experience with major-related, supervised, evaluated practical work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to four per course. (Note: The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. This course may be taken up to 4 times for a total of 4 credits).

GEB 3213 Business Communication for Professional Effectiveness 3.00 Credits

Admission to: BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management or PSA-BAS: Public Safety Administration or PPA-BS: Public Policy and Administration or EDST-BS: Educational Studies and Community Leadership or NURS-BS: Nursing . The purpose of this course is to explore the role of strategic communications within the professional context of contemporary organizations and to provide a survey of the organizational, behavioral, and technical aspects of business communications. An emphasis is placed on the application of theory to practice and the development of business communication skills that are clear, influential, and designed for maximum impact in the workplace. Topics include communications strategy in business; interpersonal communications and organizational context; team communications, meetings and networking; electronic media and social media protocol; and creating strategic proposals, presentations, and reports. The emphasis is on the practical application of strategic business communications in a variety of formats that enhance professional development. (Note: Credit is only given for GEB 3213 or COM 3120. This course requires substantial writing and attendance at a networking event).

GIS 2040 Introduction to Geographic Information Systems 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) . This course will introduce the student to the use of Geographic Information Systems (GIS) in spatial data exploration, map layout creation, and data editing and analysis. This is a survey-level course that assumes no prior knowledge of GIS. Topics covered will include the applications of GIS in various fields, the structure of the ArcGIS platform, the use of different tools to explore and modify spatial data, and the analysis of spatial data to answer real world questions.

GLY 2010 Physical Geology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) . This course emphasizes a study of minerals and rocks and their formation, geological processes, land forms and their interpretation, and the application of geological knowledge to human affairs. This course has a substantial writing requirement.

GLY 2010L Physical Geology Lab 1.00 Credits

Pre or Corequisite: GLY 2010 . This is a laboratory experience to accompany Physical Geology. The laboratory exercises emphasize a study of applications to the principles of physical geology.

GLY 2100 History of the Earth and Life 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) . This course is a study of the geologic history of the earth, including concepts of the origin of the continents and the ocean basins, plate tectonics, the major physical events as recorded in the rocks of the continents and the evolutionary changes and processes in animals and plants through time.

GRA 1206C Typography 3.00 Credits

Pre or Corequisite: DIG 2109 . This course provides the student with information and hands-on experience using type as a design element. The course addresses techniques, applications and problem-solving strategies specific to typographic layout and design. An introduction to electronic typesetting and page layout will utilize software specific to the graphic design industry.

GRA 2160 Computer Animation 3.00 Credits

Pre or Corequisite: (ART 1300C or DIG 2183C and) DIG 1004C . Introduction to the basic tools, techniques and applications of animation. Students will learn to manipulate objects, build models, employ lighting and design movement.

GRA 2201 Advanced Digital Publishing 3.00 Credits

Prerequisite: DIG 2109 and GRA 1206C . This is a computer-based course designed to develop the students' skills in digital publication design. Students will learn through the use of the computer how to develop multiple page layouts, import text and digital images, file management, and output for screen and print production.

HFT 1000 Introduction to the Hospitality and Tourism Industry 3.00 Credits

This course is an introduction to the many facets of the hotel-motel and food service industries. The course includes a study of the history, scope and innovations in the industry. The course includes guest lectures from the industry and visits to local hospitality establishments. Students will see the advantages of the hospitality and tourism industry as a career path.

HFT 1210 Supervision in the Hospitality Industry 3.00 Credits

This course provides training on the skills necessary for supervising employees and the interpersonal skills required between employers and employees. It discusses motivation, communication skills for effective leadership and managing conflict in the hospitality industry.

HFT 1300 Housekeeping Operations 3.00 Credits

This course presents a systematic approach to managing housekeeping operations in the hospitality industry. Emphasis is placed on the role of the housekeeping department and understanding the managerial skills necessary to efficiently operate this department.

HFT 1410 Front Office Procedures 3.00 Credits

This course is designed to acquaint the student with front office procedures. Topics include: hotel organizations; front office responsibilities; front office accounting; check-out settlement; night audit; planning and evaluating operations; and revenue management.

HFT 1500 Marketing in the Hospitality Industry 3.00 Credits

Prerequisite: HFT 1000 . This course is designed to develop marketing understanding in the hospitality industry. Topics include: segmentation and the hospitality industry; positioning in line with consumer preferences; the channels of distribution; marketing in perspective; marketing research; sales; advertising; public relations; promotions; data base marketing; packaging; strategic hospitality marketing; individual guest behavior; guests of tomorrow; marketing data and information systems.

HFT 1941 Operations and Service Practicum 2.00 Credits

This course enables students to enhance workplace skills through supervised practical experience. In addition the student must complete assignments including a term project. This course requires practical work experience or participation in a formalized internship program in an approved segment of the hospitality/restaurant industries. Faculty makes regular appraisals of the learning progress through on-site visitations and consultations with supervisors. (Note: Sixty industry work hours equals one credit hour).

HFT 2254 Lodging Operations 3.00 Credits

This course is designed to familiarize students with an overview of the basic principles of lodging facilities including: front office, sales and marketing, engineering, food and beverage, housekeeping, human resources, revenue management, and accounting.

HFT 2265 Food Service Operations 3.00 Credits

Pre or Corequisite: HFT 2450 . This course covers the basic principles of food service operations with topics including: menu development; dining service styles and procedures; beverage service styles and procedures; service equipment and supplies; facility layout, décor, cleaning and maintenance; casual/theme restaurants; banquets and catered events; room service; food service in related hospitality facilities such as academic, military and quick food.

HFT 2276 Club and Resort Operations 2.00 Credits

Prerequisite: HFT 1000 . This course provides an overview of club and resort operations. Club topics include: the club board and its general manager; service excellence in clubs; leadership in club operations; quality management systems; strategic management in clubs; marketing clubs; club financial management; club computer systems; golf operation in clubs; club fitness, aquatics and tennis operations. Resort topics include: major recreational activities; personnel organization and human relations; front-of-the-house management; plant and grounds maintenance; security and safety; risk management; the expectations of the resort guest and how the guest differs from a typical hotel guest.

HFT 2450 Hospitality Cost Controls 3.00 Credits

Prerequisite: HFT 1000 . This course is the study of cost controls for food and beverage operations, purchasing, receiving, storage, preparation and service. Emphasis is on controlling, analyzing costs, and using financial management techniques.

HFT 2600 Hospitality Law 3.00 Credits

This course is designed to acquaint students with the legal aspects of hotel, food and travel acquisition. The student will learn: historical legal definitions and the court system; the legal relationships of the innkeeper-guest; the legal obligations of a hotel to a guest; the "duty" owed guests by the owner; the liabilities and right of restaurateurs and beverage operators and emerging areas of concern.

HFT 2750 The Event Industry 3.00 Credits

Pre or Corequisite: HFT 1000 . The Event Industry is an introductory course designed to familiarize students with an overview of the meeting, incentive, convention, and exhibition (MICE) industry. The course explores the various roles of businesses and careers associated with the event industry.

HFT 2772 Introduction to Cruise Line Industry 3.00 Credits

This course is designed to familiarize students with an overview of cruise line vessels including: ship motion and propulsion, design, crew, food & beverage, operations, safety, and security.

HFT 2942 Hospitality Internship 3.00 Credits

Prerequisite: HFT 1941 and Permission of the Program: : . This course enables students to enhance workplace skills through supervised practical experience. Sixty (60) industry work hours equal one credit hour. In addition, the students must complete assignments as well as a term project. Faculty make regular appraisals of the learning progress through on-site visits and consultations with supervisors.

HIM 1000 Introduction to Health Information Management 2.00 Credits

Prerequisite: MAT 0028 and Permission of the Program: : Admission to: And (HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management or HCINF-CT: Healthcare Data Management) . This course is an introduction to the health information management department, the role of the health information technician as a member of the health care team and the health information professional organization. Content to be addressed includes the fundamentals of health information practice, content and format of various types of medical records, numbering and filing systems, and health care data sets.

HIM 1005 Healthcare Informatics Project Management 2.00 Credits

Admission to: HIT-AS: Health Information Technology or HCINF-CT: Healthcare Data Management and Pre or Corequisite: HIM 2652 . This course provides an overview of healthcare informatics project management and introduces the concepts necessary to identify the major components that lead to the successful completion of an healthcare informatics project. Concepts include project planning; tracking and implementation; task delegation; time, money, and outcomes management of projects.

HIM 1101 HIM Standards and Practice 3.00 Credits

Prerequisite: (Developmental math met or appropriate scores on the College Placement test. and Permission of the Program: : and) Admission to: (HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management or HCINF-CT: Healthcare Data Management) . This course is an introduction to the health information management department, the role of the health information technician as a member of the health care team. Content to be addressed includes the fundamentals of health information practice, content and format of various types of medical records, numbering and filing systems, and health care data sets.

HIM 1102 Introduction to Healthcare Informatics 2.00 Credits

Admission to: (HIT-AS: Health Information Technology or HCINF-CT: Healthcare Data Management and) Prerequisite: CGS 1100 and Permission of the Program: : . This course studies the collection and organization of patient health information, the effective management of information using computer technology, and the impact of such technology on medical research, education, and patient care.

HIM 1110 Standard Healthcare Practices 2.00 Credits

Admission to: HCINF-CT: Healthcare Data Management or HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management and Prerequisite: HIM 1000 and Permission of the Program: : . This course serves as an introduction to nomenclature and classification systems, reimbursement issues, and indexes and registries in a health information management department. Related health information management practices in ambulatory care, long-term care, rehabilitation, and mental health facilities are addressed.

HIM 1140 Pharmacology and Pathophysiology for HIM Professionals 3.00 Credits

Admission to: (HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management and Permission of the Program: : and Pre or Corequisite: HIM 1101 or Admission to: (HSA-BAS: Health Services Administration or HSA-GEN-AS: Health Sciences: General Health Sciences Focus) . This course focuses on general principles, etiology and pathophysiology of human diseases and general pharmacology. A living body systems approach is utilized which includes basic anatomy, physiology, manifestations of disease states, and medical complications. Diagnostic procedures and treatment of each disease are investigated. The course will also explore the origins of words related to pharmacology, the naming of drugs, different routes of drug administration, uses of medications in relation to various disorders and diseases.

HIM 1212 Data and Workflow Management 2.00 Credits

Permission of the Program: : and Admission to: (HIT-AS: Health Information Technology or HCINF-CT: Healthcare Data Management) . This course introduces building healthcare information architecture for integrated delivery systems. Database theory, design, and management concepts with emphases on data integrity, security, and data mining/trending using query and report generation from healthcare data warehouses will be addressed. Workflow and process re/design to support clinical, financial, and administrative reporting and decision making will also be covered.

HIM 1430 Principles of Disease 2.00 Credits

Admission to: (HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management and) Pre or Corequisite: (HIM 1000 or HIM 1442 and) Permission of the Program: : Other: ************************************** or Admission to: HSA-BAS: Health Services Administration . This course focuses on general principles, etiology and pathophysiology of human diseases. A living body systems approach is utilized which includes basic anatomy, physiology, manifestations of disease states, and medical complications. Diagnostic procedures and treatment of each disease are investigated.

HIM 1442 Pharmacology for HIM Professionals 2.00 Credits

Admission to: (HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management) and Prerequisite: (BSC 1084C) or (BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L and Permission of the Program: :) . This courses is designed to introduce Health Information Management (HIM) students to the most common drugs utilized in healthcare. This knowledge will help students recognize drug categories and generic and trade name drugs.

HIM 1506 HIM Compliance 1.00 Credits

Permission of the Program: : and Pre or Corequisite: HIM 2510 and Admission to: HIT-AS: Health Information Technology . This course is an introduction to healthcare compliance.

HIM 1511 Healthcare Informatics and Data Workflow 3.00 Credits

Admission to: (HIT-AS: Health Information Technology or HCINF-CT: Healthcare Data Management and) Prerequisite: Developmental math met or appropriate scores on the College Placement test. and CGS 1100 and Permission of the Program: : . This introductory course provides an overview of healthcare informatics; as a combination of principles from computer science, information science, and cognitive science. This course introduces the essential competencies of healthcare informatics; and follows its evolution to illustrate the current state of the field, and the complexity and diversity that informatics plays throughout the organization.

HIM 1800 Professional Practice Experience I 2.00 - 3.00 Credits

Admission to: (HIT-AS: Health Information Technology or HCINF-CT: Healthcare Data Management or MEDCD-CT: Medical Coding and Revenue Management) Pre or Corequisite: And (HIM 2652) . This clinical practice allows the student to experience and practice generic health information management department functions in a simulated health information management environment. Topics addressed include typical workflow patterns; admission/registration processes; record analysis; management of standard health record documents; record filing and numbering systems; retention and retrieval procedures; and electronic health record (EHR) activities. The student will utilize various types of equipment and software representative of a health information management department.

HIM 2008 Introduction to Health Data Management 3.00 Credits

Admission to: HDM-ATC: Health Data Management and Prerequisite: HIM 2214 and CGS 1070 or Other: computer competency met. . This course is an introduction to the health data management profession and the role of the health data analyst as a member of the healthcare team. Content to be addressed includes the fundamentals of health data practice, content and format of various types of health records, emerging technologies, and health care data sets. Students learn about data collection procedures, typical workflow, and management of the health record documentation form patient admission through discharge.

HIM 2012 Health Law Concepts and Practices 2.00 Credits

Admission to: HIT-AS: Health Information Technology or HSA-AS: Health Sciences or MEDCD-CT: Medical Coding and Revenue Management or HSA-CT: Health Care Services or HSA-TR: Health Sciences . This course is an in-depth study of the federal, state and local laws which govern the preparation and use of medical records in the health care delivery system. Topics include the medical record as a legal document and release of information.

HIM 2201 Introduction to Statistics and Data Analysis 3.00 Credits

Permission of the Program: : and Prerequisite: any college level MAC, MGF or STA course with a grade of C or better and Pre or Corequisite: HIM 1800 and Admission to: (HCINF-CT: Healthcare Data Management or HIT-AS: Health Information Technology) . This course addresses computation of rates and percentages for basic healthcare statistics with introduction to vital statistics, data display, report generation, and research methodologies.

HIM 2214 Healthcare Statistics and Research 2.00 Credits

Permission of the Program: : and Admission to: and any college level MAC, MGF or STA course with a grade of C or better . This course addresses computation of rates and percentages for basic healthcare statistics with introduction to vital statistics, data display, report generation, and research methodologies.

HIM 2215 Health Data Analysis 1.00 - 2.00 Credits

Admission to: (HIT-AS: Health Information Technology and Prerequisite: HIM 2214) or Admission to: HCINF-CT: Healthcare Data Management and Permission of the Program: : . This course is an introduction to the basic principles of acquiring, managing, manipulating, and analyzing health care data.

HIM 2222 Basic ICD Coding 2.00 Credits

Admission to: (HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management) and Pre or Corequisite: (HIM 1000 or HIM 1430 and) Permission of the Program: : . This course is an introduction to the basic coding principles of the International Classification of Diseases (ICD) coding system.

HIM 2223 Introduction to Coding and Reimbursement Systems 2.00 Credits

Admission to: HSA-BAS: Health Services Administration or HIT-AS: Health Information Technology or HSA-AS: Health Sciences or MEDCD-CT: Medical Coding and Revenue Management or HSA-CT: Health Care Services or HSA-TR: Health Sciences . This course gives learners an overview of healthcare reimbursement systems, and the impact on the US healthcare delivery system and economy. Concepts of this course include reimbursement terminology, methodologies, as well as the impact of health insurance, coding, billing, and compliance.

HIM 2229 Introduction to ICD-CM Coding 3.00 Credits

Admission to: (HIT-AS: Health Information Technology or) MEDCD-CT: Medical Coding and Revenue Management and) Pre or Corequisite: (HIM 1101 or HIM 1140 and) Permission of the Program: : . This course is an introduction to the basic coding principles of the International Classification of Diseases (ICD) coding system. Students will learn to code diagnoses that describe patient illnesses, diseases, conditions, injuries, or other reasons for seeking healthcare services.

HIM 2253 Basic CPT Coding 2.00 - 3.00 Credits

Admission to: (HIT-AS: Health Information Technology or MEDCD-CT: Medical Coding and Revenue Management) and Pre or Corequisite: (HIM 1430 or HIM 1140) . This course is an introduction to the basic coding principals, characteristics and conventions of coding using the Physicians Current Procedure Terminology (CPT) coding nomenclature.

HIM 2500 Organization and Supervision 2.00 Credits

Admission to: (HIT-AS: Health Information Technology and Prerequisite: HIM 2012) and (HIM 1110 or HIM 1101 or) Admission to: (HSA-BAS: Health Services Administration) . This course is an introduction to management and leadership principles, with an emphasis on health information professionals. The goal of this course is to provide a foundation for sound management practice and decision-making for HIM professionals in today's healthcare environment.

HIM 2510 Healthcare Quality and Performance Improvement 2.00 Credits

Admission to: HIT-AS: Health Information Technology or HSA-AS or HSA-CT: Health Care Services or HSA-BAS: Health Services Administration or HSA-TR: Health Sciences . This course is an introduction to Healthcare Quality and Performance Improvement. It provides healthcare students the knowledge and skills that form the foundational platform of dependable, high-quality job performance required by members of healthcare teams in various healthcare settings. The three basics of quality management: measurement, assessment, and improvement are reiterated throughout the course. Other major topics include: utilization management, risk management, case management, and reliability science.

HIM 2621 Health Data Analytics 3.00 Credits

Admission to: HDM-ATC: Health Data Management and Pre or Corequisite: HIM 2008 and HIM 2661 . This course provides the basic statistical concepts and methods useful in conducting research and evaluating results in studies done by others. In addition, the course explores computation of rates and percentages for basic healthcare statistics with introduction to vital statistics, data display, report generation, and research methodologies.

HIM 2652 Electronic Health/Medical Record Systems 2.00 Credits

Admission to: [HIT-AS: Health Information Technology](#) or [MEDCD-CT: Medical Coding and Revenue Management](#) or [HCINF-CT: Healthcare Data Management](#) or [HSA-AS: Health Sciences](#) or [HSA-CT: Health Care Services](#) or [HSA-BAS: Health Services Administration](#) or [HSA-TR: Health Sciences](#) . This course addresses information systems theory, electronic health record concepts and associated infrastructure and applications, as well as strategic planning and implementation of health record information systems. Additional issues covered include regulatory concepts, privacy and security requirements, best practices, and future trends.

HIM 2661 Health Care Information Systems 3.00 Credits

Admission to: [HDM-ATC: Health Data Management](#) and Pre or Corequisite: [HIM 2008](#) or [HIM 2621](#) . This course examines the dynamic nature of management information systems from the perspective of the users to add effectiveness and efficiency to decision-making as well as routine operations. Topics covered include integrated organizational systems such as Enterprise Resource Planning (ERPs), the use of databases and data warehouse systems, the role of information systems in distributed organizations and marketing channels, and information security requirements and practices.

HIM 2662 Clinical Information Systems 3.00 Credits

Admission to: [HDM-ATC: Health Data Management](#) and Prerequisite: [HIM 2008](#) and Pre or Corequisite: [HIM 2860](#) or [HIM 2932](#) . This course introduces building healthcare information architecture for integrated delivery systems. Database theory, design, and management concepts with emphases on data integrity, security, and data mining/trending using query and report generation from healthcare data warehouses are addresses. Workflow and process redesign to support clinical, financial, and administrative reporting and decision-making will also be covered.

HIM 2722 ICD-CM Coding 2.00 Credits

Admission to: ([HIT-AS: Health Information Technology](#) or [MEDCD-CT: Medical Coding and Revenue Management](#)) and Prerequisite: [HIM 2222](#) and Permission of the Program: [:](#) . This course is an introduction to the International Classification of Diseases, Clinical Modification (ICD-CM) Coding System. Students will learn to code diagnoses that describe patient illnesses, diseases, conditions, injuries, or other reasons for seeking healthcare services.

HIM 2723 ICD-PCS Coding 2.00 - 3.00 Credits

Admission to: ([HIT-AS: Health Information Technology](#) or [MEDCD-CT: Medical Coding and Revenue Management](#)) and Prerequisite: ([HIM 2722](#) or [HIM 2229](#)) . This course is an introduction to the use of the International Classification of Diseases, Procedural Coding System (ICD-PCS). This coding system is used by hospitals for coding inpatient procedures.

HIM 2810 Professional Practice Experience II 2.00 - 3.00 Credits

Admission to: ([HIT-AS: Health Information Technology](#) or [MEDCD-CT: Medical Coding and Revenue Management](#) and) Prerequisite: ([HIM 1140](#) or [HIM 1442](#) and) [HIM 1800](#) and [HIM 2253](#) and [HIM 2723](#) . This course allows the student to perform medical coding functions in a professional practice setting using either a simulated or an actual health information management environment. Students will apply knowledge and skills for coding patient records using the International Classification of Diseases (ICD) and the Current Procedural Terminology (CPT) coding systems.

HIM 2820 Professional Practice Experience III 2.00 Credits

Admission to: [HIT-AS: Health Information Technology](#) and Prerequisite: [HIM 2810](#) . This clinical practice allows the Health Information Management A.S. degree student to participate in health information management functions in either an acute care or other health care setting. Topics addressed include standard HIM department functions, billing and reimbursement, release of information, management, and supervision activities. The student will become familiar with and utilize various types of equipment, systems, and processes used in health information management departments.

HIM 2860 Database Management for Clinical Information Systems 3.00 Credits

Admission to: [HDM-ATC: Health Data Management](#) and Prerequisite: [HIM 2008](#) and Pre or Corequisite: [HIM 2662](#) or [HIM 2932](#) . This course addresses application of database theory and methodologies for database design. Students examine issues related to

database administration. Emphasis is on requirements and methodologies for assuring data integrity and security in healthcare enterprise information systems, specifically in relationship to the database environment.

HIM 2932 Contemporary Issues in Health Data Management 3.00 Credits

Admission to: HDM-ATC: Health Data Management and Prerequisite: HIM 2008 and Pre or Corequisite: HIM 2662 or HIM 2860 . This course provides a discussion of emerging issues and trends in the healthcare informatics and health information management (HIM) field. Students integrate and apply knowledge and skills learned in prior HIM courses. Students develop a capstone project in which they apply principles of good practice in health information management.

HIM 2960 Credentialing Exam Review 1.00 - 2.00 Credits

Admission to: (HIT-AS: Health Information Technology and Pre or Corequisite: HIM 2810) Admission to: Or (MEDCD-CT: Medical Coding and Revenue Management and Pre or Corequisite: HIM 2810) or Admission to: (HCINF-CT: Healthcare Data Management and Pre or Corequisite: HIM 1800 and HIM 1212 or HIM 1511) . This course provides students the opportunity to review for their national credentialing exams. Weekly assignments and instructor led discussions will assist the students with their test preparations by helping them recall course content and related concepts, study strategies, and ways to identify additional resources to help prepare for certification.

HIM 3240 CDI Principles and Practice 3.00 Credits

Admission to: HSA-BAS: Health Services Administration and Prerequisite: HSA 4184 . This course is an introduction to the role of the clinical documentation improvement specialist as a member of the healthcare team. Major topics include the fundamentals of clinical documentation, content and format of various types of documentation and emerging technologies. Students will learn about high quality documentation, evidence based documentation, and how documentation is assessed in various healthcare settings.

HIM 3243 Coding and Reimbursement for CDI Professionals 3.00 Credits

Prerequisite: HIM 3240 and Admission to: HSA-BAS: Health Services Administration . This course will introduce students to inpatient coding and reimbursement practices that are relevant to their role as a CDI Professional. Major topics include payment methodologies specific to inpatient healthcare settings including inpatient prospective payment systems and diagnosis related groups (DRGs). Students will learn about reimbursement methodologies, prospective payment systems, diagnostic and procedure coding for inpatient services, coding compliance and the process of auditing the health record.

HIM 3852 Clinical Documentation Practitioner Practicum Experience 3.00 Credits

Prerequisite: (HIM 3240 and HIM 3243 and) Admission to: (HSA-BAS: Health Services Administration) . This course will test the student's knowledge of Clinical Documentation Improvement (CDI) concepts by reviewing case studies and/or real world cases of the clinical documentation improvement practitioner. Major topics include record review and document clarification, use of best practices and leadership skills using a multidisciplinary team approach in a real world and/or virtual setting.

HLP 1080 Personal Wellness 1.00 Credits

This course includes laboratory analysis of selected current health indicators using appropriate evaluation techniques. Students will determine their current health status and develop a functional program to foster optimal wellness. Within these parameters, students will develop a knowledge and understanding of nutrition and physical fitness as it relates to good health. Individualized nutritional programs will be designed with the use of a current computer software program.

HSA 1100 Healthcare Delivery Systems 3.00 Credits

This course is an introduction to health care facilities and health delivery systems including their purpose, organization, general functions and staffing. Facilities such as hospitals, nursing and rehabilitation centers, health maintenance organizations, private and public outpatient clinics and health care centers are analyzed and discussed. Additional topics include an overview of accreditation standards; licensure agencies, reimbursement systems, legal/ethical issues, healthcare computerization, documentation, quality, compliance, and regulatory requirements.

HSA 1102 Current Issues in Health 2.00 Credits

This course is designed for the organized presentation of current issues within the health care system. Emphasis focuses on diverse areas of health and is appropriate for persons directly or indirectly involved in the provision of health care or health education. (Note: Study Abroad opportunities may apply to this course. https://blog.spcollege.edu/international/study-abroad/)).

HSA 2001 Interprofessional Team Based Health Care 2.00 Credits

This course introduces the student to interprofessional health care delivery. Best practices are emphasized for team formation, effective communication strategies, and patient care processes. Ethical issues related to team management in health care are discussed.

HSA 2182 Health Services Management Concepts 2.00 Credits

This course covers the knowledge and basic skills required to enter the field of medical office management. The course focuses on health care delivery in a medical office setting. Topics include an introduction to health care management information systems, an introduction to essential policies and regulations, and an introduction to evaluation of performance and process outcomes. (Note: By course completion, the student must submit proof of current CPR certification valid for 2 years that covers cardiac and breathing emergencies in adults, including the use of AED, & infant/child CPR. (Rev. 5/5/2020)

HSA 3104 Health Care Delivery in the United States 3.00 Credits

Admission to: HSA-BAS: Health Services Administration or CARD-BS: Cardiopulmonary Science and Pre or Corequisite: HSA 4184 . This course provides an overview of the U.S. health care delivery system. Students will explore the essential elements of the health care system as well as the socioeconomic, political, technological, and legal forces that influence the delivery of health care in the United States. Focus will also be given to funding, collaboration and quality of care.

HSA 3113 Contemporary Issues in Health Care & Human Services 3.00 Credits

Prerequisite: HSA 4184 and Admission to: HSA-BAS: Health Services Administration) or Prerequisite: (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) . This course is designed to introduce students to a range of issues related to health care and human services in the United States. Course content will give students the opportunity to explore differing perspectives as they develop a deeper understanding of the issues and enhance their research and communication skills. The course will enable students to analyze and evaluate evidence regarding controversial issues and allow them to develop and practice skills in formulating and writing well-informed, well-articulated arguments and reflections.

HSA 3170 Health & Human Services Finance 3.00 Credits

Prerequisite: HSA 4184 and Admission to: HSA-BAS: Health Services Administration . This course provides students with an overview of the principle financial mechanisms in the U.S. Healthcare Industry and the critical issues the industry currently faces. Additionally, it provides students with a foundation in using financial tools which will enable them to better understand health care finances and analysis within the health care system.

HSA 3551 Ethics in Health Care 2.00 Credits

Prerequisite: (HSA 3104 or HSA 4184) and Admission to: HSA-BAS: Health Services Administration . This course will explore ethical behavior in various health care settings. Students will analyze decision making models, theories, values, and professional obligations and apply them to their roles as health care providers.

HSA 3702 Research Methods in Health & Human Services 3.00 Credits

Prerequisite: HSA 4184 and Admission to: HSA-BAS: Health Services Administration or CARD-BS: Cardiopulmonary Science . This course is an overview of the role and scope of research as it relates to the support of decision making. This course develops the basic skill of critically analyzing research findings. Research methods are introduced with emphasis placed on analyzing key elements of research reports as a basis for determining the appropriateness of the research results for evidence-based health services' practice.

HSA 4140 Strategic Management and Planning in Health & Human Services 3.00 Credits

Prerequisite: HSA 4184 and Admission to: HSA-BAS: Health Services Administration or CARD-BS: Cardiopulmonary Science . This course will focus on past and present interventions that affect supply and demand for health care at community, state, regional, and national levels. Health planning and regulatory entities will be presented. Strategic management and program planning in the context of current economic and market conditions will be discussed and students will formulate practical implications based on current literature.

HSA 4184 Leadership & Management in Health & Human Services Organizations 3.00 Credits

Admission to: HSA-BAS: Health Services Administration or HUMSVC-BS: Human Services or Permission of the Program: : . This course focuses on the theories, concepts and principles of leadership. Emphasis will be on the development of leadership skills related to personal and professional behavior, communication, organization and self-examination. This course explores opportunities to develop leadership roles appropriate to careers in the health & human services organizations.

HSA 4191 Health Information Systems 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration) or Prerequisite: (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) . This course focuses on the theories, concepts and principles of health information systems and development of critical thinking skills for use in practice/working in health care informatics. Current trends and issues in using, designing, and managing heath care information systems will be examined. Students, applying evidence-based knowledge, will analyze the design and implementation of health care information systems.

HSA 4192 Applied Health Information/Informatics 3.00 Credits

Prerequisite: (HSA 4191 and Admission to: HSA-BAS: Health Services Administration) . This course is designed to provide the student the application knowledge, skills and attitudes necessary for effective participation in the planning, design, management and use of clinical information systems. The course is focused on providing students with the expertise to conceptualize and strategically plan and build the appropriate health information infrastructure for supporting the knowledge requirements of the healthcare organization.

HSA 4502 Health Care Risk Management 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration) or Prerequisite: (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) . This course focuses on the theories, concepts and principles of health care risk management and development of an integration of concepts relevant to health care risk management. Current trends and issues in using, designing, and managing health care risk management systems will be examined. Students, applying evidence-based knowledge, will analyze the design and implementation of health care risk management systems.

HSC 0003 Basic Health Care Worker 0 Credits

The Health Science Core is required in the majority of PSAV and College health science programs. At the PSAV level, the health science core is offered through Basic Health Care Worker (HSC0003) on page 2 of this document. In college credit programs it is encompassed in standards 1-11 listed on page 8 of this document. Secondary and Postsecondary students completing the health science core will not have to repeat the core in any other health science programs in which it is a part of. When the recommended sequence is followed, the structure allows students to complete at specified points for employment or remain for advanced training or cross-training. A student who completes the applicable competencies at any occupational completion point may either continue with the training program or exit as an occupational completer. Standards After successfully completing this program, the student will be able to perform the following: 01.0 Demonstrate knowledge of the healthcare delivery system and health occupations. 02.0 Demonstrate the ability to communicate and use interpersonal skills effectively. 03.0 Demonstrate legal and ethical responsibilities. 04.0 Demonstrate an understanding of and apply wellness and disease concepts. 05.0 Recognize and practice safety and security procedures. 06.0 Recognize and respond to emergency situations. 07.0 Recognize and practice infection control procedures. 08.0 Demonstrate an understanding of information technology applications in healthcare. 09.0 Demonstrate employability skills. 10.0 Demonstrate knowledge of blood borne diseases, including HIV/AIDS. 11.0 Apply basic math and science skills.

HSC 1100 DANTES Here's To Your Health 3.00 Credits

Minimum score of 48

HSC 1128 Survey of Health Care Technology 3.00 Credits

Pre or Corequisite: ENC 1101 . This course is an exploration of the technology used in a health care setting including specialty units. Students will explore the historical development of health care technology and its impact on health care delivery. Students will understand the basic processes and regulations related to the development of medical and health care technology. Students will learn the general functions of health care technology and the related physiological processes and health disorders addressed. Students will develop a lexicon of terminology associated with the functions and application of technology in a health care environment.

HSC 1149 General Pharmacology for Health Professionals 1.00 Credits

Prerequisite: BSC 1083 or BSC 1084C or (BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L) or Permission of the Program: : . This course will provide the student with a basic introduction to pharmacology concepts and principles associated with management of common diseases and treatment options. It presents information on major drug classifications, indications for use of common medications, and potential contraindications adversely affecting medical care outcomes.

HSC 1524 Introduction to Infectious Disease 2.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) or satisfactory score on the college placement test. . This course provides a survey of the agents of infectious diseases and the principles of infection control and epidemiology. Safe handling of infectious materials and the use of personal protective equipment are emphasized.

HSC 1531 Medical Terminology I 2.00 Credits

This course is an introduction to medical terms and abbreviations utilized by health care professionals in patient care settings. It introduces the study of prefixes, suffixes, and word roots of medical terms and their meaning, spelling, and pronunciation. Topics also include medical vocabulary and the terms that relate to the anatomy, physiology, pathological conditions, and treatment of selected systems. Upon completion, students should be able to pronounce, spell, and define medical terms as related to selected body systems and their pathological disorders.

HSC 2721 Evidence-Based Healthcare Practice 1.00 Credits

This course focuses on providing students with the comprehensive knowledge and skill base needed to make evidence-based decisions. Methods of critical evaluation of data needed to support planning, implementation, and evaluation will be emphasized. Students will address concerns in the professional work setting by analyzing decisions made through use of evidence.

HSC 3201 Community Health and Epidemiology 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration or CARD-BS: Cardiopulmonary Science) or Prerequisite: (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) or (BIOLOGY-BS: Biology) . This course is designed to assist students in recognizing and analyzing the interrelationships between individuals, population group, and communities in determining the health status of each. Students will explore the complex determinants of health and disease, the impact of economic, social, environmental and cultural concerns on community health status, and community organizations that help shape community health. Course content integrates concepts from social, behavioral, biological and natural sciences, with emphasis on epidemiology, to examine the history and foundation of community health.

HSC 3211 Concepts of Health Promotion & Disease Prevention 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration) or Prerequisite: (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) . This course is designed to develop student's knowledge and theoretical insight into the historical and contemporary developments, trends, fundamental concepts and strategies in Health Promotion practice and its role at local, national and international levels. Students will explore the most common theories from behavioral and social sciences that address individual motivations and obstacles to positive health behavior or behavior change, as well as social-based, organization-based and eco-social theories, including the Health Belief Model, the Theory of Planned Behavior, the Transtheoretical Model, Social Support Theory, Social Learning Theory, and Diffusion of Innovations. By the end of the course, students will also have an opportunity to learn how to create a health promotion program plan, write a grant proposal, and search for funding opportunities.

HSC 3243 Educational Concepts in Allied Health Education 3.00 Credits

Prerequisite: HSA 4184 or Admission to: HSA-BAS: Health Services Administration . This course is designed to provide an introduction to the principles of learning and teaching, especially as they apply to allied health professions such as staff training and patient education. Topics include understanding various learning theories, learning styles, motivational strategies, collaborative learning, the influence of diversity, and using technology to support learning. 47 contact hours or equivalent.

HSC 4640 Legal & Ethical Aspects of Health Care 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration) or Prerequisite: (DEH 4852 and Admission to: DENH-BAS: Dental Hygiene) or EAM-ATC: Emergency Management . This course explores a broad overview of legal foundations in a multidisciplinary health care marketplace within the United States. Advanced topics included are legal history, torts, negligence, contracts, liability, Health Insurance Portability and Accountability Act (HIPAA) compliance, and medical records. The creation and termination of the patient-provider relationship will be explored as well as creation of an informed consent.

HSC 4910 Health & Human Services Administration Capstone 4.00 Credits

Admission to: HSA-BAS: Health Services Administration and Other: All Major Coursework Satisfied (HSA-BAS) and at least 6 credit hours from HSA-BAS Subplans CDI, HIS, HSA, HUS or PRMKT . This capstone course, taken in the final semester of the program, is designed to provide students an opportunity to apply their knowledge of a chosen professional health care or human services role through work experience with a community mentor. Students in this course will gain practical experience in a professional role in the health or human services fields. Students are responsible for securing a mentor for the capstone course, securing a site on/off campus to complete the experience, and for developing their capstone project proposal in collaboration with the mentor and facilitator.

HSC 4931 Health & Human Services Administration Pre-Capstone 3.00 Credits

Admission to: HSA-BAS: Health Services Administration and Prerequisite: All Major Coursework Satisfied (HSA-BAS) and at least 6 credit hours from HSA-BAS Subplans CDI, HIS, HSA, HUS or PRMKT. . This course focuses on preparation for the Health Services Administration Capstone course (HSC 4910) and immediately precedes enrollment in the Capstone course. Students will identify a personal career pathway, demonstrate employment preparedness, and explain the role of professional development. Emphasis will be on developing a Capstone Learning Contract in which they design their Capstone project. An affiliation agreement for the Capstone project will also be executed, if required, as well as any required background or health screenings. This course explores the transition from student to employee.

HUM 1020 Introduction to Humanities 3.00 Credits

Prerequisite: Dev Level 2 Writing Met or Other: Appropriate score on the college placement test. . This course introduces students to a range of ideas and themes in the humanities from a global perspective through an exploration of different aesthetic approaches across a variety of disciplines in the humanities. Students will explore primary source examples from the visual, performing, and literary arts by describing and analyzing the relationship between form and content and by investigating their social, historical, and cultural contexts to determine their meaning and significance. Topics will include examples from authors, artists, and other creators from a diverse selection of cultures, races, religions, and genders. Areas of study may include, but are not limited to, visual art, music, literature, dance, theater, and film. This course satisfies the Enhanced World View requirement.

HUM 2210H Honors Western Humanities: Ancient to Renaissance 3.00 Credits

Prerequisite: Appropriate score on the college placement test. or Permission of the Program: : . This course is a study of various epochs of Western culture from the ancient to Renaissance periods with emphasis on analysis and synthesis of ideas and structure in the visual arts, literature, philosophy, and music. It stresses development of personal aesthetic sensibilities and commitment to intellectual curiosity. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for HUM 2210 or IDS 1101H or HUM 2210H. (Students who received credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.))

HUM 2210 Western Humanities: Ancient to Renaissance 3.00 Credits

Prerequisite: Appropriate score on the college placement test. . This course examines Western cultural and aesthetic perspectives from the Ancient to Renaissance periods with an emphasis on the visual, literary, philosophical, and performing arts. This course

partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

HUM 2233H Honors Western Humanities: Baroque to Contemporary 3.00 Credits

Prerequisite: Appropriate score on the college placement test. or Permission of the Program: : . This course is a study of various epochs of Western culture from the Baroque to the Contemporary periods with emphasis on analysis and synthesis of ideas and structure in the visual arts, literature, philosophy, and music. It stresses development of personal aesthetic sensibilities and commitment to intellectual curiosity. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for IDS 1102H or HUM 2233 or HUM 2233H. (Students who receive credit for HUM 2250 cannot also receive credit for HUM 2210 or HUM 2233.))

HUM 2233 Western Humanities: Baroque to Contemporary 3.00 Credits

Prerequisite: Dev Level 2 Writing Met or Appropriate score on the college placement test. . This course examines Western cultural and aesthetic perspectives from the Baroque to the Contemporary periods with an emphasis on the visual, literary, philosophical, and performing arts. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements.) Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

HUM 2262 Introduction to Greek Culture 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or appropriate score on the college placement test. . This course examines Greek cultural and aesthetic perspectives from Ancient Greece to present day, with an emphasis on history, literature, mythology, philosophy, and performing arts. (Note: Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

HUM 2270 Humanities (East-West Synthesis) 3.00 Credits

Prerequisite: Dev Level 2 Writing Met or appropriate score on the college placement test. . This course is a study of non-Western cultures, including the Middle East, Asia, and Africa. Emphasis is placed on acquiring knowledge of non-Western arts, values, and ideas relative to Western culture and developing an awareness of a world community. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Credit is only given for both HUM 2270 or HUM 2270H.)

HUM 2270H Honors Humanities (East-West Synthesis) 3.00 Credits

Prerequisite: Appropriate score on the CPT or approval of the Dean. . This course is a study of various major non-Western cultures including the Near East, Far East, and Africa, as related to the Western tradition. Emphasis is placed on applying knowledge of non-Western values and ideas relative to Western culture toward constructing a coherent world-view and reaching a deep understanding of self. This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is not given for both HUM 2270 and HUM 2270H.

HUM 2940 Humanities Internship 1.00 - 3.00 Credits

Permission of the Program: : . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations.

HUM 2949 Co-op Work Experience 1.00 - 3.00 Credits

Permission of the Program: : . This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. (Note: This course may be taken up to 12 times for a total of 12 credits.)

HUM 2950 Study Abroad in Humanities 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or appropriate score on the college placement test or Permission of the Program: : . This course, exclusively for students in the SPC Study Abroad Programs, is designed to offer topics of special interest in the humanities

to students combined with actual travel and study on-site at one or more SPC Study Abroad program partners. Such course offerings include the examination of the styles and influences of music, art, architecture, theatre, religion, literature and philosophy. Specific content will vary depending on the specific study abroad program. The course includes lectures, discussions, field trips and multiple writing experiences. (Note: this course involves extensive orientation and preparation plus careful monitoring of student work and progress while studying abroad).

HUN 1201 Science of Nutrition 3.00 Credits

Prerequisite: ENC 1101 . This course covers the basic principles of nutrition, including knowledge of the principal nutrients in foods and their utilization by the body and determining and meeting food needs for optimum health at different stages of the life span.

HUS 1001 Principles and Strategies for Human Services 3.00 Credits

This course is an introduction to effective helping strategies in human services. The focus is upon normalization, problem-solving skills, and the various roles and functions of the human services professional. Personal awareness as it relates to the human services field is emphasized.

HUS 1011 Applied Assertiveness Skills 2.00 Credits

This course is designed to promote personal and professional development in students. Elements of assertive behavior as well as factors contributing to non-assertive behavior will be explored. Strategies for improved self-efficacy, as well as strategies for recognizing and addressing self-defeating behavior will be examined and applied to the Human Services setting. The impact of culture on an individual's views and interpretation of assertive behavior will be examined.

HUS 1013 Strategies for Building Self Esteem 3.00 Credits

This course will assist students in integrating self-esteem principles and methods into human services practice. Students will learn and apply techniques for enhancing self-esteem and then integrate them into human services practice through a case study approach. The student will learn skills for assessing and improving their own self-concepts and also incorporate these skills into their work in the human services field.

HUS 1019 Introduction to Stress Management 3.00 Credits

This course is an overview of the field of stress management for students in the Human Services and Health Related Fields. Emphasis is on the application of practical techniques or stress management.

HUS 1040 Introduction to Developmental Play 3.00 Credits

This course is an introductory survey designed to familiarize human services students and personnel with the basic concepts which underlie developmental play and which lead to healthy adult-child interaction.

HUS 1111 Introduction to Intra and Inter-Personal Processes 3.00 Credits

This course is an introductory experience in which specific skills needed for effective human service work are examined and practiced. The focus is on the dynamics of intra and inter-personal processes.

HUS 1318 Domestic Abuse and Family Violence 1.00 Credits

This course is designed to educate human services workers for the evaluation, counseling and outreach skills necessary for working with victims of domestic violence. The dynamics of partner violence, child abuse, elder abuse, and sexual abuse will all be explored.

HUS 1320 Theories and Foundations of Crisis Intervention 1.00 Credits

This course will provide an overview of crisis intervention theory and practical application to working with individuals in crisis. Students will utilize a case study approach to learn strategies and techniques to assist people experiencing crisis with a focus on appropriate response, assessment, and referrals to local resources.

HUS 1353 Issues in Community Health Services 3.00 Credits

This course provides an overview of current issues and topics in community health services with a focus on health disparities (including socioeconomic status, race/ethnicity, gender, sexual orientation and age), vulnerable populations, and the social determinants of health. Students will gain an understanding of these determinants to develop strategies to improve the health of communities and populations. Topics include communication and education, foundations of health, professional responsibility, advocacy, resources, socioeconomic factors in health, social and behavioral determinants of health, access to healthcare, community/public health, the concept of community, and how we study communities/populations and the health issues they face.

HUS 1427 Dependent Women: Society and Addiction 2.00 Credits

This course provides a framework for understanding the disease of addiction. Specifically, this course is designed to explore the special needs of chemically and emotionally dependent women. Students will examine societal views about, and attitudes toward dependent women. Successful models for prevention, intervention and treatment will be discussed.

HUS 1431 Issues in Addiction Prevention 2.00 Credits

This course provides an overview of practice in the addictions prevention field or related areas. Attention will be given to various prevention strategies, their strengths and weaknesses, research findings in the field as well as their implications, and to special populations and their specific needs.

HUS 1445 Practices for Working With Dysfunctional Family Systems 2.00 Credits

This course focuses on the dynamics of family dysfunction including negative patterns of parental behavior, substance abuse (alcohol, drugs, etc.), physical abuse, sexual abuse, neglect, emotional abuse, and severe mental illness. The course addresses a broad spectrum of issues including the characteristics of dysfunctional families as well as the traits and characteristics of functional families. Emphasis is placed on causes, effects and roles of individuals within the family system. Through maladaptive behaviors families often develop a set of restrictions that inhibit the social and emotional growth and development of its members, particularly the children. Concepts to be addressed include: dynamics of the family system, functional versus dysfunctional families, understanding the role of dysfunction in families and the family life cycle.

HUS 1450 Dual Diagnosis I 2.00 Credits

This course covers theoretical frameworks and treatment concepts used by students/professionals providing services to clients with mental illness who have been diagnosed as having substance abuse problems. Topics will include: Historical Overview and Review of Current Literature, Clinical Profiles of Dually Diagnosed Clients, Physiological Effects of Substance Abuse for Psychiatrically Disabled Individuals, The Disease Concept of Addiction: A Workable Concept for Mental Health Programs, Interaction of Dysfunctional Disorders, and Borderline Personality Disorders.

HUS 1480 HIV/AIDS & Drug Crisis 2.00 Credits

This course serves to increase the knowledge, awareness and skills of potential and current Human Service professionals, other professionals in related fields and interested individuals in the community regarding the Human Immunodeficiency Virus (HIV) and the Acquired Immune Deficiency Syndrome (AIDS) in relation to the drug culture. The course provides an overview of HIV/AIDS pathology, clinical manifestations and treatment, including the psychosocial management of HIV/AIDS in the substance abusing and recovering population. Students learn about local and national agencies to enhance their ability to refer appropriately.

HUS 1530 Survey Developmental Disabilities 3.00 Credits

This course is an examination of concepts basic to understanding developmental disabilities. Emphasis is on terminology, measurement and assessment techniques, historical and contemporary attitudes, causes, education, and the impact of developmental disabilities on family and society. (Note: This course has a substantial writing requirement.)

HUS 1620 Principles and Best Practices in Afterschool Programs 3.00 Credits

This course is an overview of the knowledge and skills necessary to implement a developmentally appropriate afterschool program for children and youth. The course examines established quality program elements and standards and best practices and their practical application to daily program practice.

HUS 1640 Foundations of Youth Development 3.00 Credits

This course provides an understanding of the dynamics that influence and shape youth behavior. The course emphasizes: effective verbal and non-verbal communication skills; developmental stages exclusion and inclusion, trust, and respect. The course prepares students to function as youth workers using a youth development approach in community-based, residential, group home and other youth work environments. Students will explore these concepts: developing a professional awareness of youth work; identifying and distinguishing between asset building models and deficit based models of adolescent development; and developing a capacity to design and implement programs consistent with the needs of youth in relation to available resources.

HUS 2200 Dynamics of Groups and Group Counseling 3.00 Credits

This is an experiential course which reintroduces basic concepts and skills with regard to different types of groups and group dynamics. The focus is upon presentation of group facilitation techniques and the review of each student's practice sessions.

HUS 2302 Basic Counseling Skills 3.00 Credits

This course is an introductory experience in active listening skills. The focus is on viewing and processing of each student's video taped practice counseling sessions with emphasis on basic awareness and communication skills, empathic listening, positive regard for the client, and recognition of interference in the communication process.

HUS 2315 Studies in Behavioral Modification 3.00 Credits

This course is the study of the use of basic behavior modification techniques in the helping professions. Emphasis is on learning theory and motivation, reinforcement schedules, environmental events that impact human behavior, and practical application of the theories.

HUS 2403 Abused Substances and their Effects 3.00 Credits

This course is a comprehensive survey of abused substances and their impact on the human body and upon society. The pathophysiological effects of substance abuse are emphasized while historical, legal, medical, social, and ethical issues are reviewed. The classes of drugs examined include major and minor tranquilizers, sedatives and hypnotics, narcotics, stimulants, and hallucinogens. The primary focus will be upon heroin, cocaine, marijuana and alcohol.

HUS 2420 Evaluation of Treatment Environments 3.00 Credits

This course is a cross-cultural, multidisciplinary examination of physical and social aspects of treatment environments and their effects on individual well-being. Professional research, empirical data, and conceptual frameworks will be emphasized.

HUS 2421 Methods for Identification and Intervention in Substance Abuse 3.00 Credits

This course is a comprehensive examination of methods used in the identification, intervention, and prevention of substance abuse. Symptoms and progression of substance abuse, types of abusers and special groups, various intervention techniques, and the interrelationship between the illness of substance abuse and the moral, legal, spiritual, sociological and psychological aspects will be reviewed.

HUS 2428 Treatment and Resources in Substance Abuse 3.00 Credits

This course is a multi-disciplinary study of various treatment methods for the substance abuser and an examination of the educational materials available to the practitioner. In addition, this course serves as a final preparatory session for those professionals who plan to successfully complete the Board Certification Examination.

HUS 2540 Building Stronger Families and Communities 3.00 Credits

This course provides an understanding of the essential role that human service professionals play in facilitating healthy families and communities. The effects of poverty, inequality, unemployment, child abuse, substance abuse, and domestic violence are included. The course provides strategies for empowering families to move to effective parenting; developing healthy life-styles; promoting self-esteem and self-worth; assuming responsibility; problem solving skills; resolving conflicts; identifying alternatives; and making healthy choices.

HUS 2541 Working with Families in the Early Childhood Period 3.00 Credits

This course addresses three important issues of early childhood: health, development, and parenting. The depth of developmental knowledge provided is intended to enhance the skills of the family health and support worker, to increase their ability to provide anticipatory guidance and teaching and to empower the parent-child relationship. Common health problems of infancy and early childhood that affect normal development are discussed along with important health promotion and disease prevention strategies for creating a safe and nurturing environment for the child. Additional topics will include social, environmental and biological influences and factors that collectively impede or facilitate individual and family development, the major periods and domains of child development from birth to five, the importance of early learning experiences that enhance brain development, and the characteristics and importance of parent-child interactions as well as cultural and social influences that affect parenting skills.

HUS 2542 Working with Families in the Perinatal Period 3.00 Credits

This course is designed to increase student competency in supporting families during the preconception, pregnancy and immediate postpartum periods. Course content will focus on human reproduction, pregnancy, birth, and infant care, with an emphasis on the adjustment of the family and its individual members during the perinatal period. The course will present both factual information and skills for promoting healthy behaviors. Students will apply their knowledge within the theoretical contexts of human and family development gained in previous coursework. Students will practice skills for counseling families about reproductive health in a sensitive, culturally-competent manner.

HUS 2550 Social Services and the Disenfranchised 3.00 Credits

This course is designed to give students an in-depth understanding of forces that impact minority and other disenfranchised families in America. Emphasis will be given to historical trends, social stratification, and current status. Additionally, the effects of perceptions and misconceptions on minority and other disenfranchised families will be considered. The primary purpose of this course is to prepare professionals to work effectively with individuals who are ethnically, culturally, and racially different.

HUS 2949 Co-op Work Experience in Human Services 3.00 Credits

Prerequisite: Permission of the Program. . This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. (Note: This course may be taken up to 4 times for a total of 12 credits.)

HUS 3020 Human Development Through the Lifespan 3.00 Credits

Admission to: HSA-BAS: Health Services Administration or HUMSVC-BS: Human Services . This course is designed to educate human services workers to human development across the lifespan. This course will discuss factors that make a person distinctively different. The course will work through the major theories explaining our cognitive, biological, emotional, and social development through various life stages- such as prenatal, childhood, adolescence, and adulthood. The student also will learn how to identify lifespan needs and/or limitations for a client within the counseling setting.

HUS 3204 Advanced Group Dynamics 3.00 Credits

Admission to: HUMSVC-BS: Human Services . The purpose of this course is for students to develop skills and techniques for effective group counseling, as well as assuming a leadership role of a therapeutic group. This course will examine organizational, clinical, and interpersonal factors, which contribute to the group's therapeutic efficacy. This course builds skills necessary for effective group leadership and identifies ethical and professional standards required to lead a therapeutic group.

HUS 3321 Case Management and Problem-Solving for Human Services 3.00 Credits

Prerequisite: HSA 4184 and Admission to: (HSA-BAS: Health Services Administration or HUMSVC-BS: Human Services) . This course covers various needs of the human services client. Case management with children and families, elderly, chronically mentally ill, developmentally and physically disabled, and those in health care settings will be discussed. Skills in case management will be covered as well as some research on case management.

HUS 3335 Advanced Counseling & Interviewing Skills 3.00 Credits

Admission to: HUMSVC-BS: Human Services or HSA-BAS: Health Services Administration . This course builds essential counselor skills by identifying crucial elements of effective counseling. Students will develop proficiency in case conceptualization by studying and practicing techniques and strategies from major counseling theories while exploring the efficacy of treatment techniques and the role cultural issues may play in the application of these approaches.

HUS 3370 Issues In Mental Health 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration) or Prerequisite: (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) . This course will examine the concepts of mental health and mental disorders from a variety of perspectives within a social context. Students will explore the incidence and prevalence of mental illnesses in the U.S., the social consequences of mental illness, such as stigma, marginalization, and isolation, barriers to care, and strategies for treatment and resolution of mental health issues and illnesses. Students will examine the role of social factors in the etiology and treatment of issues intertwined with mental health.

HUS 3505 Ethics in Human Services 3.00 Credits

Admission to: HSA-BAS: Health Services Administration or HUMSVC-BS: Human Services . This course explores the legal, ethical, and professional choices faced by practicing human service professionals. Topics include ethical decision-making, counselor-client relationships, professional standards, attitudes and beliefs, value conflicts, ethical issues in research and testing, counselor competence and supervision, confidentiality, privileged communication, duty to warn and protect, dual relationships, and malpractice. This course also focuses on ethical issues in multicultural/diversity counseling, marital and family therapy, group counseling, and issues related to dealing with unethical behavior.

HUS 3570 Vulnerable Populations: Health and Health Care Issues 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration) or Prerequisite: (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) . This course presents the principles and concepts of vulnerability as it relates to health and health care. This course offers a general framework to study vulnerable populations and a comprehensive overview of risk factors for vulnerability and consequences of health disparities in the United States. Students will learn about trends and patterns of disparity that impact health care access, quality of health care and health outcomes. Students will also examine current strategies aimed at serving vulnerable populations and resolving disparities.

HUS 4333 Assessment & Interventions in Mental Health 3.00 Credits

Admission to: HUMSVC-BS: Human Services . This course uses the current edition of the Diagnostic and Statistical Manual of Mental Disorders (DSM) as the initial instrument for assessment of psychological disorders. Students will learn how various interview techniques and psychometric testing are used in the overall assessment process. Based on the client's assessment findings, students will learn to identify appropriate treatment settings that include both in-patient and out-patient settings. Students will also learn the continuum of care as an intervention strategy involving an integrated system of care, guiding the client over time through a comprehensive array of mental health services. The effects of sex, gender, race, and culture are integrated into this course.

HUS 4442 Substance Abuse and the Family 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration) Prerequisite: Or (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) . This course offers a broad overview of the basic processes of substance use, abuse, addiction, treatment, and recovery. Students will examine the biological, psychological and societal forces that encourage the use, misuse, abuse and addiction to both licit and illicit substances. The course focuses on the major substances of abuse and their historical, social and legal impact on our society as well as their physical, psychological and social impact on individuals, families, and the community.

HUS 4561 Social Problems and Policy 3.00 Credits

Prerequisite: (HSA 4184 and Admission to: HSA-BAS: Health Services Administration or HUMSVC-BS: Human Services) Prerequisite: Or (DEH 3813 and Admission to: DENH-BAS: Dental Hygiene) Or (PPA-BS: Public Policy and Administration) . This course will provide an overview of the application of theoretical foundations to describe social determinants of health, and explain their relationship to a range of social problems, issues of cultural diversity as well as how these impact policy development at the

community, state, and national level. Emphasis is placed on health care, social, economic, environmental and political conditions as well as their interconnectedness as seen through the lens of various theoretical frameworks.

HUS 4700 Advanced Treatment & Management 3.00 Credits

Admission to: HUMSVC-BS: Human Services . This course examines the treatment plan as the primary document guiding the counselor and client through the treatment process. Students will distinguish the essential parts of a treatment plan and how to author individualized treatment plans that incorporate empirically based treatments and are culturally and ethnically appropriate. Students will learn techniques for engaging the client's involvement in the treatment planning process. Students will also learn how to assess the effectiveness of treatment plans through the process of reevaluation, making referrals, and engaging in case consultation. Students will also learn how to write a discharge plan.

IDH 2028H Honors College Capstone Seminar 1.00 Credits

Prerequisite: Acceptance into the Honors College. This course is designed to provide transition for Honors College students as they complete their associate's degrees and plan to enter bachelor's degree programs. Students in this course will present their honors research portfolios on leadership development and other research topics specific to the students' interests and future majors. This course will also present opportunities for discussion with honors faculty and other honors college students, providing a culmination of the students' experiences in the honors learning community, including service learning.

IDH 2029H Honors College Cornerstone Seminar 3.00 Credits

Prerequisite: Acceptance into the Honors College. or Permission of the Program: : . This course encourages Honors College students to work on their skills in research, leadership, and community service. This course will help students work on research and leadership development by focusing on team-building, problem-solving, and critical thinking skills. This course will also present strategies such as time management, academic responsibility, and information literacy. Emphasis will be on encouraging students to become part of an active Honors College learning community where service learning is an integral part of their education.

IDH 2634H Honors Service Learning 1.00 Credits

Prerequisite: (Appropriate score on the college placement test) or (Acceptance into the Honors College) or Permission of the Program: : . This course is designed to provide students with a laboratory in which learning experiences address human and community needs. This includes contribution to a real community need, research and reflection. Topics will include civic and social responsibility, service participation, critical thinking, social and cultural diversity, integration of theory and life experience, and experiential learning. The format will incorporate honors research, class discussion, and presentation honors portfolios on service-learning specific to the student's interests. 10 contact hours including in-class orientation and on-line discussion. (Note: The student must fulfill the requirement of 30 service hours in addition to written assignments. This course is repeatable with different service assignment for up to 3 credits. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

IDS 1102H Honors Interdisciplinary Studies: Baroque to Modern 9.00 Credits

Prerequisite: (ENC 1101 and appropriate score on the college placement test) or ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program. This course is an integrated survey of European and American culture from the seventeenth century through the modern era. The course will emphasize the evaluation and synthesis of political, economic, social, cultural, and religious aspects of life in America as well as Europe. The survey gives specific consideration to the disciplines of history, literature, philosophy, art history, religious studies, and communication. (Note: Students who complete IDS 1102H will receive equivalency credit for AMH 2020H, HUM 2233H, and LIT 2120H. This course partially satisfies the writing requirements outlined in the General Education Requirements.)

IDS 1106 Interdisciplinary Studies I: Composition I and Introduction to Humanities 6.00 Credits

Prerequisite: Dev Level 2 Writing Met and Pre or Corequisite: Dev Level 2 Reading met or Prerequisite: Appropriate score on the college placement test. This survey course emphasizes connections related to disciplines of history, philosophy, rhetoric, literature, and the arts. This course will include the development and analysis of abstract questions related to these disciplines through critical thinking and collaborative learning opportunities. (Note: Students who complete Interdisciplinary Studies I will receive credit toward the completion of the general education program for the following courses: ENC 1101 and HUM 1020. This course has a

significant reading and writing requirement. Each student will be required to write a minimum of 8,000 words. This course partially satisfies the writing requirements outlined in the General Education Requirements.)

IDS 1112H Honors Interdisciplinary Studies: The Modern World 6.00 Credits

Prerequisite: (ENC 1101 and appropriate score on the college placement test or) ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program: : . This survey course emphasizes interdisciplinary study of the modern era with emphasis on history, philosophy, religion, science, technology, literature, and aesthetics. This Honors cultural studies course will include collaborative learning opportunities and an emphasis on the analysis and synthesis of central questions and ideas related to the period. (Note: Students who complete Honors Interdisciplinary Studies: The Modern World will receive credit toward the completion of the general education program for the following courses: ENC 1102H and HUM 2233H. Each student will be required to write a minimum of 8,000 words. This course partially satisfies the writing requirements outlined in the General Education Requirements.)

INR 2002H Honors International Relations 3.00 Credits

Prerequisite: (POS 2041 and appropriate score on the college placement test or) POS 2041H or Permission of the Program: : . This course is an introductory study of the factors that affect relations among nations. Through various teaching and learning methodologies, the student will become familiar with the various theories of international relations, the development of nationalism; the elements that determine national power; the formulation of foreign policy; the art of diplomacy; the history and application of international law; international economics; international organizations; militarism and war. The course will cultivate independent scholarship, active learning and enhanced student participation. This course will encourage the use of logical reasoning, in-depth analysis, and critical thinking skills when examining historical and contemporary events in international relations. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is only given for INR 2002H or INR 2002. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/)

INR 2002 International Relations 3.00 Credits

Prerequisite: POS 2041 . This course is an introductory study of the factors that affect relations among nations, including the development of nationalism; the elements that determine national power; the formulation of foreign policy; the art of diplomacy; the history and application of international law; international economics; international organizations; militarism and war; case studies involving the above; and contemporary events in international relations. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is only given for INR 2002 or INR 2002H. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

INR 2500 Model United Nations 3.00 Credits

Prerequisite: POS 2041 . This course will introduce students to the history of the United Nations, the structure of the UN system, Main Bodies of the United Nations, and the role of diplomacy in solving global issues. This course places strong emphasis on research and experiential learning. Students will be encouraged to understand the blocks of states that exist in the UN and how they engage diplomatically with each other. In particular, students will be required to assume the role of a member state and understand its views with regard to a few, selected international issues. Students will develop the ability to defend their country's position towards these international issues in formal, written format as well as orally using parliamentary-styles of debate. Students will become Knowledgeable not only on their assigned country but on the topics that they will be asked to analyze and discuss.

INR 4030 Diplomacy 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration . This course provides foundation into the principles of diplomacy on an international, national, state and local level. Emphasis will be placed on combining theoretical and practical applications addressing governments, businesses and citizen groups in the development of diplomatic techniques and the basic principles of protocol. Case studies and class exercises are employed to help students develop skills in multi-party negotiations, conflict resolution, crisis and resource allocation and decision making. Course content is guided by an understanding that the relationship between diplomacy in an era of globalization and instant communications is integral in facilitating, mitigating and dealing with the challenges we face in the 21st. century.

INT 1000L Fundamentals Lab 2.00 Credits

Prerequisite: ASL 1160C and ASL 1300 and INT 1941 and ASL 2210C Pre or Corequisite: INT 1000 . This course provides extensive hands-on practice to develop interpreting and transliterating skills. It includes extensive video and audio practice with different modes and sign codes.

INT 1000 Fundamentals of Interpreting 2.00 Credits

Prerequisite: ASL 1300 and INT 1941 and ASL 2210C and Pre or Corequisite: INT 1000L . This course is an overview of the profession of interpreting, its standards and settings. It covers basic understanding of the Registry of Interpreters for the Deaf (RID) Code of Ethics which governs the standards of the interpreting profession and how to apply these principles to a variety of interpreting situations as well as other central issues related to the interpreting profession.

INT 1200 Interactive Interpreting 3.00 Credits

Prerequisite: INT 1000 and INT 1000L and INT 1210 and INT 1231 . This course will focus on cognitive and linguistic development in interactive interpreting and on sign to voice and voice to sign skill mastery. Situations will simulate interpreting experiences in one on one or interview settings and in small group dynamics. Emphasis will be on simultaneous interpreting; consecutive style will also be included. Focus activities include audio/video and live model demonstrations and out of class observations of certified/qualified interpreters in different settings.

INT 1202 Intermediate Interpreting 2.00 Credits

Prerequisite: INT 1000 and INT 1000L and INT 1210 and INT 1231 . This course is a continuation of Fundamentals Interpreting and Fundamentals Lab. This course reinforces skill development and the principles of interpreting from the source language of English to the target language of American Sign Language (ASL). Activities will be reinforced through drill, practice, role play demonstration, and video and audio taped materials. The student will learn the techniques of self-assessment through media produced assessment and class discussion/analysis.

INT 1210 Transliterating 2.00 Credits

Prerequisite: ASL 1300 and ASL 2210C and INT 1941 . This course is a continuation of Fundamentals Interpreting and Fundamentals Lab. This course reinforces the principles of transliterating from the source language of English to the target language of signed codes of English. Activities will be reinforced through drill, practice, role play demonstration, and video and audio taped materials. The student will learn the techniques of self-assessment through media produced assessment and class discussion/analysis.

INT 1231 Voicing I 3.00 Credits

Prerequisite: ASL 1160C and ASL 1300 and INT 1941 and ASL 2210C . This course focuses on the development of primary sign to voice interpreting skills for deaf people. The course emphasis focuses on voicing from Signed English to spoken English with limited emphasis given to voice interpreting from American Sign Language (ASL) to English.

INT 1232 Voicing II 3.00 Credits

Prerequisite: INT 1400 and INT 1200 and INT 1202 . This course focuses on the development of more advanced voicing skills in interpreting for deaf people. Special emphasis is given to interpreting from American Sign Language to spoken English.

INT 1400 Issues in Educational Interpreting 2.00 Credits

Prerequisite: INT 1000 and INT 1000L and INT 1231 and INT 1210 . This course explores the role of the interpreter in the educational setting. Issues related to institutional policies, potential role conflicts, interpreter/faculty collaboration, and support service provision will be emphasized.

INT 1480 Interpreting Specialized Topics 3.00 Credits

Prerequisite: INT 1200 and INT 1202 and INT 1400 . This course will focus on the development of vocabulary and sign equivalents in specialized settings: medical, mental health, technical, religious, educational, theatrical; and other settings as deemed appropriate by the instructor; idiomatic and multi-meaning ASL/English words will be studied.

INT 1941 Introduction to Interpreting 3.00 Credits

Prerequisite: ASL 1150C and ASL 1510 and Pre or Corequisite: ASL 1160C . This course provides the intermediate to advanced interpreting student with an opportunity to observe the interpreting process in various professional work situations. Students will schedule a series of individual and group observations, and discuss their practicum experiences during class. Guest speakers will also be a part of class activities.

INT 1942 Interpreting Internship 4.00 Credits

Prerequisite: INT 1400 and INT 1200 and INT 1202 . This course provides the advanced level interpreting student with an opportunity to participate at the entry level of the interpreting process in a variety of settings, with supervision. Students will schedule regular hours with affiliate agencies and, according to their level of interpreting skill, assist agency staff in normal duties. Supervision, observation, and evaluation will be provided by agency interpreting staff and interpreting instructors.

INT 3004 Fundamentals of Interpreting 3.00 Credits

Prerequisite: (ASL 1140C and ASL 1150C and ASL 1160C and ASL 2210C and ASL 1300 and ASL 1510) . Designed to provide students with a working knowledge of the profession of interpreting, including the tenets of the Code of Professional Conduct, certification criteria, the roles, responsibilities, and specialized skills of an interpreter in a variety of professional settings.

INT 3205C Introduction to Interpreting 4.00 Credits

Prerequisite: (ASL 1140C and ASL 1150C and ASL 1160C and ASL 2210C and ASL 1300 and ASL 1510) . Designed to provide students development in English-to-American Sign Language (ASL) and ASL-to-English interpreting skills, receptive fingerspelling, the use of conceptually accurate sign production, speed and accuracy when interpreting complex subject matter, and comparing and contrasting ethical decisions relative to the similarities and differences between Registry of Interpreters Code (RID) of Professional Conduct and the Educational Interpreters Code of Conduct.

INT 3270 Consecutive Interpreting Skills 4.00 Credits

Prerequisite: INT 3004 and INT 3205C and INT 3404 . This course is a continuation of English-to-American Sign language interpreting skills designed to focus on the advancement of consecutive interpretation techniques in a variety of role-playing situations and settings.

INT 3403 Issues in Educational Interpreting 3.00 Credits

Admission to: EDST-BS: Educational Studies and Community Leadership . This course explores the role of the interpreter in the K-12 educational setting. Issues related to institutional policies, potential role conflicts, interpreter/faculty collaboration, and support service provision in the K-12 educational setting will be emphasized.

INT 3404 Advanced ASL Interpreting and Translation in Educational Settings 3.00 Credits

Admission to: SLIP Subplan . This course will focus on the development of advanced American Sign Language (ASL) skills utilized in educational settings including idiomatic and multi-meaning ASL/English vocabulary, syntactic structures, and depicting verbs utilized in K-12 and post-secondary educational contexts.

INT 3406 Sign to Voice (ASL/English) Interpreting 3.00 Credits

Prerequisite: INT 3004 and INT 3205C and INT 3404 and INT 3270 . This course focuses on the development of primary sign to voice interpreting skills for deaf people in the K-12 classroom environment. The course focuses on voicing from a signed Contact Language to grade appropriate spoken English.

INT 3407 Advanced Sign to Voice (ASL/English) Interpreting 3.00 Credits

Prerequisite: INT 3004 and INT 3205C and INT 3404 and INT 3270 and INT 3406 . This course focuses on the development of more advanced voicing skills in interpreting for deaf people in the K-12 classroom environment. Special emphasis is given to interpreting from American Sign Language to grade appropriate spoken English.

INT 4211 Transliterating 3.00 Credits

Prerequisite: INT 3205C . This course reinforces the principles of transliterating from the source language of English to the target language of codes of English in K-12 educational settings. Activities will be reinforced through drill, practice, role play demonstration, and video and audio taped materials in K-12 educational settings. The student will learn the techniques of self-assessment through media produced assessment and class discussion/analysis.

INT 4260 Simultaneous Interpreting Skills 4.00 Credits

Prerequisite: INT 3270 . This is an advanced course in both English-to-American Sign language and American Sign Language-to-English interpreting skills. Students will focus on the advancement of their simultaneous interpretation techniques, with speed and accuracy in their expressive interpreting skills and in a complex variety of situations and settings.

INT 4944 Interpreting Internship 4.00 Credits

Admission to: Sign Language Interpreting Subplan (SLIP) . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations. (Note: This course may be taken up to 6 times for a total of 6 credits.)

ISM 3011 Management Information Systems 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management or BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or EDST-BS: Educational Studies and Community Leadership or HSA-BAS: Health Services Administration or PPA-BS: Public Policy and Administration or PSA-BAS: Public Safety Administration or SCMGT-ATC: Supply Chain Management or DENH-BAS: Dental Hygiene . This course addresses key management issues as they are applied to global Information Technology (IT) management. This course also addresses strategic Information Technology issues such as management of hardware, software, Enterprise Resource Planning (ERP), electronic business integration, security and infrastructure support for a variety of industries. The student will be introduced to technology and information systems terminology and will be expected to understand the business implications of Information Technology. Real world examples using case studies, applied exercises, and research assignments will show future managers how Information Technology can be employed to improve organizations. (Note: Credit is only given for ISM 3011 or ISM 4301.)

ISM 3212 Database Management & Analysis 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course covers the essentials of database design, management, and analysis. It focuses on the skills and knowledge necessary to develop and interpret data models aligned with the requirements of business. This course also covers structured query language (SQL) and the object-oriented approach to data modeling and design.

ISM 3232 Applied Systems Analysis 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course covers a broad range of software topics as they apply to software management and systems analysis and design. Topics include, but are not limited to organizational requirements analysis, process of systems development and design, systems development life cycle (SDLC), and optimization of technology payback.

ISM 3320 Core Security Principles 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course provides the foundation of security principles and skills necessary for the successful management of information security in an organization. Students will understand the controls over hardware, media, as well as personnel responsible for utilizing an organization's information assets. The student will also become familiar with auditing and monitoring for security events. The course focuses on the physical measures and their associated procedures necessary to safeguard against damage, loss and theft. The student will be able to recognize the basic concepts of cryptography including key algorithms, distribution methods, methods of attack, and the construction and use of concepts such as digital signatures.

ISM 3324 Applications in Information Security 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course helps develop the important security concepts relative to software application development and access control that provide the knowledge and skills necessary for the successful management of information security in an organization. Students will understand the environment where software is designed and developed as well as the critical role software plays in providing security to an organization's information systems. The course focuses on software development concepts that relate to security, and how access control methodologies fit into the entire enterprise architecture.

ISM 3330 Information Security Policy Administration and Management 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management or HSA-BAS: Health Services Administration . This course develops the information security knowledge and skills necessary for the successful management of information security technology in an organization. Students will understand an organization's information assets. Students will also learn how to develop and implement policies, procedures and standards as they relate to an information security plan. The course focuses on information classification, risk assessment, business continuity planning and enterprise security architecture, as well as the key concepts of enterprise information security planning and administration.

ISM 4113 Software Design Methodologies 3.00 Credits

Prerequisite: ISM 3232 . This course will provide the student the skills to apply software design processes and Agile methods. The student will learn essential software methodologies from initial software specification through to system evolution. The student will also master software project management essentials.

ISM 4263 Cloud Solutions 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course provides a survey of cloud architecture implementation and services. Students will learn how to design cloud solutions that support organizational strategies and administrative tasks with a focus on ensuring security, privacy, compliance, and trust. The course also introduces students to pricing, service lifecycles, and Service Level Agreements. It has a technical focus, and students will utilize common cloud management tools to implement services.

ISM 4320 Core Security Principles 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management and Prerequisite: ISM 4323 . This course provides the foundation of security principles and skills necessary for the successful management of information security in an organization. Students will understand the controls over hardware, media, as well as personnel responsible for utilizing an organization's information assets. The student will also become familiar with auditing and monitoring for security events. The course focuses on the physical measures and their associated procedures necessary to safeguard against damage, loss and theft. The student will be able to recognize the basic concepts of cryptography including key algorithms, distribution methods, methods of attack, and the construction and use of concepts such as digital signatures.

ISM 4321 Strategic Cyber Security Enforcement 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management and Prerequisite: ISM 4330 or Admission to: CYSEC-BAS: Cybersecurity . This course is designed as an introduction to strategic cybersecurity enforcement topics. Students will learn how to identify, understand and research policies, issues, and vulnerabilities in cybersecurity. Major topics covered include; Homeland security, foreign and domestic cybersecurity policies, current and emerging cybersecurity issues, and research and development efforts.

ISM 4323 Security Essentials 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management or HSA-BAS: Health Services Administration or CYSEC-BAS: Cybersecurity . Basic understanding of network, database and application principles is suggested. This course includes the study of security issues: access control, authentication, authorization, and non-repudiation as well as network security, platform security, data and file security, virus detection and management, scam control and security administration. Also included are support technologies and tools such as: security gateways, firewall, certification authorities, and Public Key Identifiers (PKI) services.

ISM 4324 Applications in Information Security 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course helps develop the important security concepts relative to software application development and access control that provide the knowledge and skills necessary for the successful management of information security in an organization. Students will understand the environment where software is designed and developed as well as the critical role software plays in providing security to an organization's information systems. The course focuses on software development concepts that relate to security, and how access control methodologies fit into the entire enterprise architecture.

ISM 4329 Incident Investigation and Forensics 3.00 Credits

Admission to: CYSEC-BAS: Cybersecurity . This course examines the process of detecting and investigating attacks against various computer systems in order to collect evidence in a forensically sound manner with the intent to report criminal activity and also to prevent future attacks. Topics include Windows, Macintosh, and Linux forensics, steganography, data acquisition, file system analysis, data recovery, password cracking, e-mail forensics, malware analysis, network forensics, and other advanced techniques in computer investigation and analysis. This course contains foundational coverage in preparing for EC-Council's Computer Hacking Forensic Investigator (CHFI) certificate. Students will need additional remediation to ensure success on the exam.

ISM 4330 Information Security Policy Administration and Management 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management or CYSEC-BAS: Cybersecurity . This course develops the information security knowledge and skills necessary for the successful management of information security technology in an organization. Students will understand an organization's information assets. Students will also learn how to develop and implement policies, procedures and standards as they relate to an information security plan. The course focuses on information classification, risk assessment, business continuity planning and enterprise security architecture, as well as the key concepts of enterprise information security planning and administration.

ISM 4361 IT Services Management 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management . This course presents the concepts, principles, techniques and best practice framework, of how information technology (IT) resources should be organized to deliver business value. In this course students will create an information technology (IT) services management strategy by documenting the processes, functions and roles that focuses on aligning IT services with the needs of business and prepares students for the Information Technology Infrastructure Library (ITIL) certification.

ISM 4545 Data Analytics Technologies 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management and Prerequisite: STA 2023 or STA 2023H . Data analysis is a complex field and requires knowledge and expertise to add organizational value. This course is designed to introduce students to the processes of obtaining, preparing, and analyzing data. Data analytics and mining techniques will be covered within the context of supporting data-driven decision making.

ISM 4547 Data Analytics Management 3.00 Credits

Admission to: TMGT-BAS: Technology Development and Management and Prerequisite: ISM 4545 . This course is designed to introduce students to data analysis concepts and provide an understanding of data interpretation and its practical application in the management of a business. The course covers a variety of tools used for data analysis and explores common analytical techniques. Data governance strategies ensuring that high data quality exists throughout the complete lifecycle of the data are also covered

ISM 4548 Web Analytics 3.00 Credits

Prerequisite: ISM 4545 . This course covers online data concepts and teaches students how to search, retrieve, visualize, and analyze online quality data from social networks and social media, website usage, and clickstream data. Students will also learn to use key metrics to assess goals and return on investment, and will perform social network analysis to identify key social actors, subgroups, and network properties in social media.

ISM 4571 Emerging Security Technologies 3.00 Credits

Admission to: CYSEC-BAS: Cybersecurity . This course examines the security risks associated with emerging technologies. Using case studies and a seminar format, students will analyze emerging technologies and learn how to identify vulnerabilities and security risks that emerging technologies could introduce into an organization. Students will also explore strategies for evaluating security risk, responding to and for mitigating risk in the context of emerging technologies. Students will create a comprehensive report based on an emerging technology of their choice that will describe associated security risks and provide recommendations for safe deployment of new technology.

ISM 4573 Compliance and Data Governance 3.00 Credits

Admission to: CYSEC-BAS: Cybersecurity . This course provides a systematic and escalated approach to Information Technology (IT) Risk. Through a progressive method of compliance monitoring and data governance, students will illustrate how to build and monitor a flexible IT Risk program that adapts to businesses requirements. Techniques include frameworks, policies, procedures and guidelines that support people, process, and technologies. This course will equip students with a holistic and realistic approach to IT Risk by employing methods that account for real and traceable risk, which are reliant on specific business cost and risk appetite.

ISM 4914 Security Capstone 3.00 Credits

Permission of the Program. This is the capstone course for the Cyber Security program. This course provides an opportunity for students to demonstrate that they have mastered material covered throughout the program and can apply it in the real world. Using a case study approach the capstone course provides student with an opportunity to develop recommendations for dealing with current security issues. (Note: This course should be taken after completion of all other courses. Please contact the CCIT department for registration.)

ISM 4915 Senior Capstone Project 3.00 Credits

Permission of the Program. This is the capstone course for the Technology Development and Management program. It will provide the opportunity for the student to demonstrate that he/she has learned the material from the program and can apply it in the real world. It provides the student the opportunity to develop a plan to solve a problem dealing with technology management issues today. The student will choose one case study and address the problem in detail. (Note: This course should be taken after completion of all major core courses. Please contact the CCIT department for registration.)

JOU 2100 Journalistic Writing and Reporting 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H . This course is an introduction to the profession of journalism and to the theory and practice of writing news. Students are given practical experience in gathering news and in writing and copyreading both news and feature stories. Student needs and demand determine the emphasis on grammar and usage. (Note: This course has a substantial writing requirement.)

LDR 2001 Introduction to Leadership 3.00 Credits

This course is an introductory leadership course with an emphasis on the traits, values, characteristics, and developmental tasks that are a foundation for leadership. Students will gain a greater sense of self-awareness as a basis for developing personal leadership skills. The course will focus on change, vision, diversity, inclusivity, and emotional intelligence. Students will be able to identify qualitative and quantitative leadership traits they possess, allowing them to prepare for leadership situations.

LIS 1002 Electronic Research Strategies for College Students 1.00 Credits

This course is designed to develop information literacy skills and to help students become full participants in the Information Age. It introduces students to the core concepts of information retrieval, essential techniques for locating, analyzing, organizing and presenting information, and essential components of computer and information ethics and security. Emphasizing both technological skills and critical thinking abilities, the course teaches strategies for using a variety of electronic resources and for coping with the changing nature of information resources. (Note: Credit is only given for LIS 1002 or LIS 1002H.)

LIS 2004 Introduction to Internet as a Research Tool 1.00 Credits

This course is designed to develop the skills needed to use the Internet as a research tool. The course focuses on methods of accessing relevant information resources through the Internet. Students will learn to create search strategies and retrieve, evaluate, and cite Internet resources.

LIT 2110H Honors World Literature I (Ancient World through Renaissance) 3.00 Credits

Prerequisite: (ENC 1101 and appropriate score on the college placement test or) ENC 1101H or IDS 1101H or IDS 1111H or Permission of the Program: : . This course is designed to study the major poetry, fiction, drama, and essays of world literature from the Ancients through the Renaissance. Emphasis is placed on the intellectual and moral issues in literature that unite humankind despite differences in time, place, and language. This honors course will include personalized experiences, collaborative learning experiences and an emphasis on analysis and synthesis of abstract questions relating to world literature. This course also stresses methods of research and emphasizes writing research-based papers, including literary interpretation and critical analysis using primary and secondary sources. Independent research and interdisciplinary connections are encouraged for students to make connections to other related areas of humanities, philosophy and literature in the Honors Program. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is only given for LIT 2110 or LIT 2110H.)

LIT 2110 World Literature I (Ancient World Through Renaissance) 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H . This course is designed to study the major poetry, fiction, drama, and essays of world literature from the Ancients through the Renaissance. Emphasis is on the intellectual and moral issues in literature that unite humankind despite differences in time, place, and language. This course also emphasizes methods of library research and composition of the research paper and the paper of literary interpretation. (Note: This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is only given for LIT 2110 or LIT 2110H. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/)).

LIT 2120H Honors World Literature II (Renaissance to the Present) 3.00 Credits

Prerequisite: (ENC 1101 and appropriate scores on the SPC placement test or) ENC 1101H or IDS 1101H or IDS 1111H or approval of the Dean. This course is designed to study the major poetry, fiction, drama, and essays of world literature from the Renaissance to the present. Emphasis is on the intellectual, philosophical, and cultural issues in literature that unite humankind despite differences in time, place, and language. This course also emphasizes methods of library research and the writing of a research paper and a paper of literary interpretation. This honors course will include personalized experiences, collaborative learning experiences and an emphasis on analysis and synthesis of abstract questions relating to world literature. It will also explore alternative modes of literature represented by media adaptations of works of literature. Students will investigate global perspectives and discussion on political, social and cultural issues as they appear in world literature from the Renaissance to the present. This course partially satisfies the writing requirements as outlined in the General Education Requirements. LIT 2110H is not a prerequisite for this course. Credit is only given for LIT 2120H or LIT 2120 or IDS 1102H.

LIT 2120 World Literature II (Renaissance to the Present) 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H . This is a course designed to study the major poetry, fiction, drama, and essays world literature from the Renaissance to the present. Emphasis is on the intellectual, philosophical, and cultural issues in literature that unite humankind despite differences in time, place, and language. This course also emphasizes research and composition of the research paper and the essay of literary interpretation. This course partially satisfies the writing requirements outlined in the General Education Requirements. World Literature I is not a prerequisite for this course. (Note: Credit is only given for LIT 2120 or LIT 2120H or IDS 1102H. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

MAC 1105 College Algebra 3.00 Credits

Prerequisite: MAT 1033 or Other: Appropriate score on an SPC approved assessment or (Completion of required developmental education coursework and Pre or Corequisite: MAT 1033L) Other: Note: MAC1105/MAT 1033L co-requisite pairing is a pilot program with limited seats available. . Major topics include: functions and functional notation; domains and ranges of functions; graphs of functions and relations; operations on functions; inverse functions; linear, quadratic and rational functions; absolute value and radical functions; exponential and logarithmic properties, functions and equations; systems of equations and inequalities; applications such as curve fitting, modeling, optimization, exponential and logarithmic growth and decay. (Note: Credit is only given for MAC 1105 or MAC 1106.)

MAC 1114 Trigonometry 3.00 Credits

Prerequisite: MAC 1105 or MAC 1106 or appropriate score on the college placement test or Permission of the Program: : . This course is a study of trigonometry with an emphasis on circular functions. Major topics include: trigonometric and functions, their properties and graphs; inverse trigonometric equations; solutions of triangles; complex numbers; vector algebra; parametric equations; polar coordinates; applications. 47 Contact hours. (Note: Credit is only given for MAC 1114 or MAC 1147.)

MAC 1140 Pre-Calculus Algebra 3.00 Credits

Prerequisite: MAC 1105 or appropriate score on the college placement test or Permission of the Program: : . This course is intended for students whose major requires the completion of some or all of the calculus sequence. Major topics include: polynomial, rational and other algebraic functions, their properties and graphs; polynomial and rational inequalities; exponential and logarithmic functions, their properties and graphs; piecewise-defined functions; conic sections; matrices and determinants; sequences and series; mathematical induction; binomial theorem and applications. (Note: Credit is not given for both MAC 1140 and MAC 1106 or MAC 1140 and MAC 1147.)

MAC 1147 Pre-Calculus Algebra/Trigonometry 5.00 Credits

Prerequisite: High school trigonometry and MAC 1105 or appropriate score on the college placement test or Permission of the Program: : . This is an accelerated course covering the topics of both MAC 1140 and MAC 1114 in a single session and is intended primarily for the student who plans to take MAC 2311. Major topics include: polynomial, rational and other algebraic functions, their properties and graphs; polynomial and rational inequalities; exponential and logarithmic functions, their properties and graphs; piecewise-defined functions; conic sections; matrices and determinants; sequences and series; mathematical induction; binomial theorem and applications; trigonometric functions, their properties and graphs; inverse trigonometric equations; solutions of triangles; complex numbers; vector algebra; parametric equations; polar coordinates; trigonometry applications. (Note: Credit is only given for MAC 1147 or MAC 1140 or MAC 1114.)

MAC 2233 Applied Calculus I 3.00 Credits

Prerequisite: MAC 1105 or MAC 1106 or Other: satisfactory score on the SPC mathematics placement test or program director approval . This course is a geometric and heuristic approach to calculus: differentiation and integration of algebraic, exponential and logarithmic functions, applications to graphing, marginal analysis, optimization and areas. This course cannot be used to satisfy requirements of students majoring in mathematics or engineering. (Note: Credit is only given for MAC 2233 or MAC 2311 or MAC 2311H.)

MAC 2311 Calculus with Analytic Geometry I 5.00 Credits

Prerequisite: (MAC 1140 and MAC 1114 or) MAC 1147 or (appropriate score on the college placement test) . Recommend completion of MAC 1140, MAC 1114, and MAC 1147 within the last two years. Major topics include limits and continuity, the derivative of algebraic, trigonometric, logarithmic, exponential functions, inverse trigonometric functions, hyperbolic and inverse hyperbolic functions, implicit differentiation, applications of the derivative, differentials, indefinite and definite integrals, and indeterminate forms. (Note: Credit is only given for MAC 2311 or MAC 2311H or MAC 2233.)

MAC 2312 Calculus with Analytic Geometry II 5.00 Credits

Prerequisite: MAC 2311 . This course is a continuation of MAC 2311 with the study of applications of integration, integration techniques, improper integrals, infinite series and sequences, conics, parametric equations, and polar coordinates. Topics include areas, volumes, centroids, work, fluid pressure, length of arc, trigonometric integrals, integration techniques, polar coordinates, improper integrals, infinite series, plane curves, parametric equations, and conic sections. (Note: Credit is only given for MAC 2312 or MAC 2234.)

MAC 2313 Calculus with Analytic Geometry III 4.00 Credits

Prerequisite: MAC 2312 . This course is a continuation of MAC 2312 with the study of vectors in two and three-dimensional space, as well as differentiation and integration of functions of several variables. Topics include vectors in the plane and space, three-dimensional surfaces, various coordinate systems, vector-valued functions, differential calculus of functions of several variables, gradients, directional derivatives, applications of partial derivatives, multiple integration, vector analysis, line integrals, surface integrals and applications.

MAD 2104 Discrete Mathematics 3.00 Credits

Prerequisite: MAC 2311 or Permission of the Program: : . This course is designed for those students who are majoring in computer science, engineering, mathematics and other highly technical fields. Topics include formal logic, set theory, combinatorics, mathematical induction, relations and functions, recursion, and graph theory.

MAD 3107 Discrete Mathematical Structures 3.00 Credits

Prerequisite: MAC 2311 or MAC 2311H . This course is designed to give mathematics education majors a thorough understanding of the nature and importance of mathematical proof as well as provide knowledge of a variety of discrete mathematics topics. Topics include proofs and proof techniques, direct proof, proof by cases, proof using the contrapositive, proof by contradiction, proof by counterexample, mathematical induction, logical arguments, sets and relations including equivalence relations and partial orders, functions and their inverses and compositions, recursion and recurrence relations, probability, counting principles, permutations, combinations, graph theory, and trees. Special emphasis will be placed on mathematical reasoning. (Note: Credit is only given for MAD 2104 or MAD 3107.)

MAE 3320 Interactive Teaching Methods for Middle School Mathematics 3.00 Credits

Admission to: (MGMED-BS: Middle Grades Mathematics Education (5-9) or MTSED-BS: Secondary Education Mathematics (6-12)) and Prerequisite: (EEX 3012 or TSL 3080) and Pre or Corequisite: MAE 3941 . This course is designed for students who are majoring in mathematics education and is offered concurrently with a practicum. Students will learn about principles of effective curriculum design, assessment, and interactive teaching strategies. This course addresses current Florida mathematics standards (grades 5 - 9) and pedagogy pertinent to the discipline and required for certification.

MAE 3823 Connections Through Algebraic Thinking 4.00 Credits

Admission to: MGMED-BS: Middle Grades Mathematics Education (5-9) and Pre or Corequisite: EDF 3214 . This course is designed to develop a background for the middle school mathematics teacher that will enable the teacher to understand the relationship between the brain and learning, the meaning of conceptual understanding, the relevance of integrating algebraic skills with geometric situations, the significance of readiness for abstract thought, and the importance of teaching through presentations that utilize technology and connections to out-of-school experiences. This course will emphasize the constructivist approach and the teaching of solving problems mathematically and will utilize National Council of Teachers of Mathematics (NCTM) and current Florida mathematics standards (grades 5 - 9) in problem solving.

MAE 3941 Interactive Middle School Math Projects Practicum 1.00 Credits

Admission to: MTSED-BS: Secondary Education Mathematics (6-12) or MGMED-BS: Middle Grades Mathematics Education (5-9) Pre or Corequisite: MAE 3320 . This course is designed for students who are majoring in mathematics education. This practicum accompanies Interactive Middle School Mathematics Projects. (Note: Students spend a minimum of sixty (60) school-based hours in the middle school classroom.)

MAE 4114 Mathematics Content for the Elementary Grades 3.00 Credits

Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or MGMED-BS: Middle Grades Mathematics Education (5-9) or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements . This course is designed to prepare individuals to teach conceptually and developmentally appropriate mathematics content at the elementary grade level. Major topics include fundamental mathematical properties; algebra; fractions, ratios, and integers; measurement; data analysis; and geometry.

MAE 4330 Instructional Methods in Secondary Mathematics with Technology 3.00 Credits

Admission to: (MGMED-BS: Middle Grades Mathematics Education (5-9) or MTSED-BS: Secondary Education Mathematics (6-12)) and Prerequisite: (EEX 3012 or TSL 3080) and Pre or Corequisite: MAE 4942 . This course is designed for students who are majoring in secondary mathematics education or middle grades mathematics education and is offered concurrently with a practicum. Students will learn about instructional methods, resources, and assessment considerations for effective teaching of mathematics including the pedagogy of algebra, probability and statistics, geometry, trigonometry, and calculus. This course addresses current Florida mathematics standards (grades 6 - 12) and pedagogy pertinent to the discipline and required for certification. It also incorporates appropriate technology to support the learning of mathematics.

MAE 4642 Assessment in Mathematics Education 2.00 Credits

Admission to: [MGMED-BS: Middle Grades Mathematics Education (5-9)](#) or [MTSED-BS: Secondary Education Mathematics (6-12)](#) . This course is designed for students who are majoring in mathematics education and who will be obtaining teacher certification in grades 5 -12. Topics addressed in this course include the application of research in mathematics education, the use of various assessments to enhance the learning of mathematics, and creating assessments based on cognitive and affective taxonomies.

MAE 4940 Internship: Secondary Mathematics Education 6-12 12.00 Credits

Prerequisite: Successful completion of all Secondary Mathematics Education BS program requirements and passing of all sections of the General Knowledge and Professional Education Exam. This course requires a teacher candidate to demonstrate competency on the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level during one semester of full time internship in a 6-12 school setting as approved by the College of Education. Teacher candidates must assume full-day teaching duties for a minimum of six weeks during the fifteen week internship. (Note: The internship also includes mandatory on-campus seminars. A minimum of 35 hours per week for 15 weeks.)

MAE 4942 Instructional Methods in Secondary Mathematics with Technology Practicum 1.00 Credits

Admission to: [MTSED-BS: Secondary Education Mathematics (6-12)](#) or [MGMED-BS: Middle Grades Mathematics Education (5-9)](#) or Pre or Corequisite: [MAE 4330](#) . This course is designed for students who are majoring in mathematics education and is offered concurrently with Instructional Methods in Secondary Mathematics with Technology. This course provides students with opportunities to apply the knowledge of teaching methods, techniques, and strategies learned in Instructional Methods in Secondary Mathematics with Technology. (Note: There are sixty (60) school-based hours of teaching/observation required and will be coordinated with in-service high school teachers and their curriculum schedules and needs.)

MAE 4943 Internship: Middle Grades Math Education 5-9 12.00 Credits

Other: Successful completion of all Middle Grades Mathematics, 5-9 Education BS program requirements and passing of all sections of the General Knowledge and Professional Education Exam. This course requires a teacher candidate to demonstrate competency on the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level during one semester of full time internship in a 5-9 public or private school setting as approved by the Dean College of Education. Teacher candidates must assume full-day teaching duties for a minimum of six weeks during the fifteen week internship. (Note: The internship also includes a series of mandatory professional leadership on-campus seminars.)

MAN 1500 Supply Chain Operations 3.00 Credits

This course examines the systematic approaches to managing all activities involved in moving materials, products, service, and information from point of origin, to point of use. Students will learn to make improved business logistics and supply chain management decisions through the practical application of multiple analytic techniques used by managers in the field. Emphasis is placed on transportation systems, inventory analysis and management, and warehouse management.

MAN 1590 Supply Chain Practices 3.00 Credits

This course is an introduction to the nature, application methods and techniques related to the management of global supply chains. Focus areas include: key aspects of procurement, customer relations management, supply management, manufacturing, service operations, and demand planning.

MAN 2021 Principles of Management 3.00 Credits

This course examines the basic fundamentals of management in relation to issues within organizations and operations of business enterprises. This course will also examine leadership methods and strategic planning.

MAN 2300 DANTES Human Resources Mgmt 3.00 Credits

minimum score of 46

MAN 2340 Supervisory Management 3.00 Credits

This course covers practical applications in the major practices of modern supervision, including leadership, communication, motivation, performance appraisal, staffing, training and employee development, factors involved in safety, and time management.

MAN 2571 Supply Chain Planning 3.00 Credits

This course requires students to relate supply chain best practices to organizational performance. Students will integrate the functional roles of sales, purchasing, supply chain, and operations in order to make tactical decisions with the objective of improving organizational performance. Students will apply theory and best practices from prerequisite courses across integrated supply chain decisions to implement a plan to achieve effective supply chain performance. Key performance indicators will be used to evaluate performance in a realistic business simulation so students can experience the results of their supply chain decisions in a practical manner.

MAN 2582 Introduction to Project Management 3.00 Credits

Basic computer literacy and college level math skills are suggested. This course introduces the basic terminology and concepts of Project Management. Students will become familiar with project scope definition, planning, estimating techniques, staffing and scheduling. Students will develop project plans, write project status reports, and conduct project status meetings. Features of Project Management software will be covered; students will learn an example software package, and use it to develop project plans.

MAN 2604 Intercultural Relations in Business 3.00 Credits

This course examines intercultural communication from a business perspective. Students will study facets of communication differences in various cultures. Emphasis is on increasing understanding of cultural issues that affect communication effectiveness in international business, with particular attention to four major current and emerging trade partners: Mexico, Germany, Japan and Russia. (Note: Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

MAN 3240 Applied Organizational Behavior 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or BUS-BS: Business Administration or TMGT-BAS: Technology Development and Management or HSA-BAS: Health Services Administration or PSA-BAS: Public Safety Administration or EDST-BS: Educational Studies and Community Leadership . This course will provide a broad overview of organizational functioning. This will include basic management, individual differences, diversity, communication, motivation, team building, leadership and the dimensions of organizational structure, design, culture and change.

MAN 3301 Public Personnel Management 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or PPA-BS: Public Policy and Administration or HSA-BAS: Health Services Administration or BUS-BS: Business Administration or EDST-BS: Educational Studies and Community Leadership or DENH-BAS: Dental Hygiene . This course will provide the student an examination of the services that are provided by a manager of a human resources department. The student will be introduced to the legal issues associated with personnel management, staffing, development, compensation and benefits, and labor relations.

MAN 3303 Management & Leadership Practices 3.00 Credits

Admission to: BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or TMGT-BAS: Technology Development and Management or PSA-BAS: Public Safety Administration or EDST-BS: Educational Studies and Community Leadership . This course presents concepts, principles, and techniques of business management and leadership in a dynamic organizational environment. This course will incorporate management skill development as it relates to the core aspects of leadership. The student will be empowered to facilitate organizational objectives through techniques such as planning, organizing, controlling, and leading.

MAN 3503 Managerial Risk Analysis and Decision Making 3.00 Credits

Admission to: BUS-BS: Business Administration or MGTORG-BAS: Management and Organizational Leadership or PRJMGT-CT: Project Management or TMGT-BAS: Technology Development and Management or LEGAL-BAS: Paralegal Studies or LEGAL-TR: Paralegal Studies or SUSMGT-BAS: Sustainability Management or SCMGT-ATC: Supply Chain Management . This course develops a

framework for making decisions, as well as understanding how these decisions can be used to manage risk. Managers need to understand how they personally value risk in order to recognize the potential impact their behavior may have on organizations and stakeholders. This course will study approaches that students may develop and apply decision making and risk analysis to solve problems in different operating environments.

MAN 3504 Operations Management 3.00 Credits

Admission to: BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management or EDST-BS: Educational Studies and Community Leadership or SCMGT-ATC: Supply Chain Management . This course helps the student understand the decision science used to tackle problems across the entire enterprise in order to improve productivity and quality across complex and dynamic systems. Students learn ten strategic operations management decisions and the role operations management has in creating a competitive advantage in service and manufacturing organizations. Students will understand how to identify key factors impacting decisions and will be exposed to analytical tools to aid in decision making.

MAN 3600 International Business 3.00 Credits

Admission to: BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or EDST-BS: Educational Studies and Community Leadership or SCMGT-ATC: Supply Chain Management . This course will provide a broad overview of management practices from an international perspective. This will include international management, strategic analysis and planning in a global setting, implementation and control of businesses and managing technology components to meet the challenges of globalization. Emphasis will be on addressing issues and opportunities that managers face when managing multinational multicultural organizations. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

MAN 3784 Sustainability in the Natural Environment 3.00 Credits

Prerequisite: General Education science requirement (Environmental Science, Chemistry, Biology, Tropical Ecology, Earth Science, Geology, Meteorology, or Oceanography) and Admission to: (BUS-BS: Business Administration or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management) . This course is intended to provide an overview of principles of sustainability regarding the natural environment. Topics covered include business effects and mitigation of air, land, and water pollution, soil erosion and resource extraction, climate change, and threats to biodiversity. (Note: Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

MAN 3786 Sustainable Enterprise Planning 3.00 Credits

Admission to: BUS-AS: Business Administration or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or SCMGT-ATC: Supply Chain Management . This course introduces students to assessment tools, design and construction considerations, and operating planning requirements for sustainable enterprises. Students will learn about the ecological and economic benefits of sustainability/green practices. Additionally, they will learn how product, process, and service decisions affect sustainable enterprise concepts. Today's enterprises focus on social and environmental challenges, marketing, supply chain decisions, recycling, reusing, reconditioning, and other product and service decisions in order to realize a competitive advantage. This course will focus on best practices, case studies, evolving trends, and experimental efforts regarding sustainable/green systems.

MAN 3802 Principles of Entrepreneurship 3.00 Credits

Admission to: INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or BUS-BS: Business Administration or HSA-BAS: Health Services Administration or DENH-BAS: Dental Hygiene or NURS-BS: Nursing . This course provides an overview of the multiple elements associated with starting and operating a small business. There will be a wide range of fundamentals covered, including: identifying needs of the marketplace, researching and assessing market opportunities, identifying and analyzing risk, creating a value proposition, designing an introductory marketing platform, obtaining financing, cash flow strategies, operating a small business, growing a small business and relevant best practices.

MAN 4061 Corporate Social Responsibility 3.00 Credits

Admission to: BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management . This course will introduce the student to business ethics as a process of responsible decision making in the workplace. The student will analyze various ethical issues and dilemmas that face corporations today to provide the student a basic foundation tin business ethics. The student will build an ethical decision making model based on an acquired understanding of corporate social responsibility. (Note: Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

MAN 4102 Managing Cultural Diversity 3.00 Credits

Admission to: BANK-BAS: Banking or TMGT-BAS: Technology Development and Management or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or HSA-BAS: Health Services Administration or PPA-BS: Public Policy and Administration or EDST-BS: Educational Studies and Community Leadership . This course presents the basic concepts, principles, and techniques associated with leading cultural diversity in the global marketplace. Emphasis will be on the students developing an understanding of the interplay between leadership, cultural diversity, and the global business models. Students will also gain an understanding of how these concepts relate to and are applied in regional markets like Asia, Latin America, Europe, Africa, and the Middle East. (Note: Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

MAN 4570 International Procurement & Outsourcing 3.00 Credits

Prerequisite: MAN 3504 and Admission to: BUS-BS: Business Administration or TMGT-BAS: Technology Development and Management or INTBUS-BAS: International Business or SCMGT-ATC: Supply Chain Management . Today's organizations purchase or outsource a number of products, processes, and/or services to support strategic, tactical, and operating decisions across their value chain or supply chain. This course presents the basic concepts, principles, and techniques of procurement and outsourcing best practices used for various products, processes, and services. These decisions have strategic importance in helping organizations to create a competitive advantage by improving their value chains. Emphasis will be placed on students developing a basic knowledge and skill set centered on real themes, demands, applications, best practices, and opportunities in today's evolving and dynamic international business environment.

MAN 4583 Project Management 3.00 Credits

Admission to: an SPC Baccalaureate program or PRJMGT-CT: Project Management . This course intends to build on introductory project management skills to form a solid grounding in the nine project management knowledge areas. This industry independent learning within the project arena includes the following topics: initiating, planning, executing, monitoring and controlling, closing, integration management, scope management, schedule management, cost management, quality management, resource management, communications management, risk management, procurement management and stakeholder management. Cost, scope, schedule, quality, and procurement receive special emphasis in this course. Students will align the topics to strive for the attainment of project objectives within the agreed limits of resources. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

MAN 4584 Process Improvement Methodologies 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management or PPA-BS: Public Policy and Administration or HSA-BAS: Health Services Administration or NURS-BS: Nursing or EDST-BS: Educational Studies and Community Leadership . This course presents the basic principles and techniques used to manage process improvement. Today's managers need to understand how to engage people in process improvement, as well as how to critically understand and apply the associated methodologies. Process improvement is complicated and dynamic, encompassing a variety of approaches traditionally recognized as Total Quality Management (TQM), Lean, Six Sigma, Balanced Scorecard, and many others. The potential benefits of process improvements create not only lucrative opportunities for today's organizations, but they are a necessity for survival in the competitive world marketplace. Businesses must be able to better manage and control their process improvements in order to achieve their strategic objectives.

MAN 4625 Managing Global Human Resources 3.00 Credits

Admission to: BANK-BAS: Banking or BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or HSA-BAS: Health Services Administration or EDST-BS: Educational Studies and

Community Leadership . This course focuses on addressing the issues and strategies of managing the human resource (HR) areas of transnational firms. This will include comprehending local employment laws, adapting HR management practices to local situations, understanding how to effectively recruit, develop and train talent in global enterprises, reviewing performance appraisals and addressing labor relations in multinational organizations.

MAN 4725 Policy and Strategy 3.00 Credits

Admission to: (BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership) and Prerequisite: completion of all major (core) courses in the appropriate program. and Permission of the Program: : . This course provides the opportunity for the student to demonstrate that he/she has learned the material from the program and can apply it in the real world. It should be taken during the student's last semester at the College. It provides the student the opportunity to develop a strategy to solve a problem dealing with current management, marketing, and financial issues. (Note: This course is the Capstone course before graduation.)

MAN 4741 Innovation, Change and Agile Projects 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management or LEGAL-BAS: Paralegal Studies or PRJMGT-CT: Project Management . This course intends to provide an overview of concepts and strategies to select optimal options for change, use of management and leadership skills to build broad support for change, diffuse innovation, and the successful execution through solid project management practices. Topics include organizational culture, innovation processes, technology forecasting, organizational development, tools such as K-T (Keppler Tregue), Scrum, Joint Process Change, eXtreme Process and TRIZ, reengineering, diffusion of innovations theory, social epidemic theory, learning organization, and change implementation strategies. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

MAN 4781 Sustainable Business Strategies 3.00 Credits

Admission to: (SUSMGT-BAS: Sustainability Management or MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration) and Prerequisite: MAN 3786 . This course is intended to provide an overview of concepts, tools, and techniques to build and operate a sustainable organization. Topics covered include the role of leadership in sustainability, organizational design issues, capital investment, costing, and risk management systems, incentives and rewards, measurement of social, environmental, and economic impacts, green marketing concepts, and internal and external reporting.

MAN 4783 Sustainable Budget Management Triple Bottom Line Analysis 3.00 Credits

Prerequisite: MAN 3786 and MAN 4781 and Admission to: (SUSMGT-BAS: Sustainability Management or BUS-BS: Business Administration) . This course is intended to develop students' knowledge and skills in environmental budget analysis, triple bottom line evaluation and reporting, and the economics of sustainability.

MAN 4787 Energy & Environmental Techniques 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or BUS-BS: Business Administration . This course introduces students to how organizations can deal with societal challenges associated with energy and the environment. This course is intended for students with little or no background in science or mathematics, and will focus on organizational applications and opportunities for sustainability/green initiatives. This will include availability and cost requirements of energy, as well as the effects of energy use on our environment. Students will explore organizational energy and environmental models that are increasingly overlapping in the global marketplace. This course will highlight applications and opportunities for today's managers to link operating decisions to environmentally and energy focused practices.

MAN 4788 Sustainability & Environmental Issues 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or SUSMGT-BAS: Sustainability Management . This course integrates social and environmental values in a management context in order to further the student's understanding of human, natural, and financial sustainability issues. The student will evaluate sustainability and environmental philosophies on a broad scale. The student will understand international policies and regulations, human welfare, politics, environmental racism, hazardous waste and pollution, global warming, and other key sustainability/green issues. The student will work to develop skills in conducting cost-benefit, payback, and life cycle analysis to justify projects and evaluate their impact on sustainability/green issues. By increasing the student's understanding, he or she will be better prepared to direct a

company, community, or country in ways that restore and enhance stakeholder value while insuring the continued sustainability of the environment as a whole for current and future generations. (Note: Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

MAN 4801 Business Plan Strategies 3.00 Credits

Admission to: College of Business BAS or BUS-BS: Business Administration or Permission of the Program: : . In addition, it is strongly recommended that Entrepreneurship students take MAN 3802 and MAR 4836 before taking this course. This course will allow students to create and test their business ideas through feasibility analyses. This course includes analyzing the strategic issues when starting a new firm or expanding a current business. The student will plan and implement the components of a business plan based upon their research and analysis.

MAN 4881 Authority Influence and Projects 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management or LEGAL-BAS: Paralegal Studies or PRJMGT-CT: Project Management or SCMGT-ATC: Supply Chain Management . This course intends to build leadership and management skills that facilitate the effective execution of objectives where stakeholders and resources come from multiple areas, locations, budgets, and organizational substructures. To facilitate the execution of projects and processes to achieve objectives, the topics will include the use of persuasion, motivation, emotional intelligence, cultural intelligence, and influence to gain the power and agreement to ensure the delivery of agreed resources and processes. Important learning will include the leadership and management of teams and groups across multiple locations, structures, and multiple levels of formal authority. The control, communication, and interaction of data, information, knowledge, and learning form a further range of associated topics.

MAN 4883 Project Management Methodology in Specialization 3.00 Credits

Admission to: PRJMGT-CT: Project Management or MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or LEGAL-BAS: Paralegal Studies or TMGT-BAS: Technology Development and Management and Prerequisite: MAN 4583 . The purpose of this course is to evaluate project management methodology (CPM, CCPM, Waterfall, Scrum, Agile, XP, FDD, Crystal and Prince2) to effectively manage time, cost, and scope within a project. An emphasis is placed on Project Management as a proven and effective tool that allows work teams, resources and tasks to be controlled and quality achieved. Students compare the methodologies in their specialization (General, Financial, Healthcare, and IT) to achieve business benefits, and capture market share. Topics include project management methodologies, processes, strategic development, benefit analysis, project plan, design, execution, control, delivery, validation, costs, teams, communication, collaboration, conflict, and project closure. This course requires substantial planning, analyzing, and researching.

MAN 4885 Complex and Advanced Projects 3.00 Credits

Prerequisite: MAN 4583 and Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or TMGT-BAS: Technology Development and Management or LEGAL-BAS: Paralegal Studies or PRJMGT-CT: Project Management and Pre or Corequisite: MAN 4881 and MAN 4741 . This course intends to build on a thorough project management foundation to include a detailed insight into large projects, projects with diversified stakeholders, multi-location, and international projects. Topics include the related insights such as portfolio theory and information economics that are required to enhance previous learning to extend to project portfolio management and project management office functions.

MAN 4900 Strategic Capstone Project 6.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or INTBUS-BAS: International Business and Prerequisite: Completion of all major (core) courses, with a minimum grade of C. and Permission of the Program: : . This capstone course will provide the opportunity for the student to demonstrate that he/she has learned the material from the program and can apply it in the real world. (Note: All program core courses must be completed before registering for capstone, and ideally it should be taken during the student's last semester at the college. It provides the student the opportunity to demonstrate proficiency in addressing business issues of today in a dynamic environment.)

MAN 4902 Senior Capstone Project in Sustainability Management 3.00 Credits

Admission to: (BUS-BS: Business Administration or SUSMGT-BAS: Sustainability Management) and Permission of the Program: : . This capstone course will provide the opportunity for the student to demonstrate that he/she has learned the material from the

program and can apply it in the real world. It should be taken during the student's last term at the college. It provides the student the opportunity to develop a plan to solve a problem dealing with sustainability management issues of today. The student will choose one major plan to address the problem in detail. (Note: This is a 16-week course offered in fall and/or spring terms only.)

MAN 4935 Special Topics in Management Concepts 3.00 Credits

Admission to: BANK-BAS: Banking or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management or BUS-BS: Business Administration . This course is an examination of unique management topics and problems that deserve additional depth and attention as the art and science of management evolves. The student will be introduced to the foundational philosophies, history, and contemporary issues surrounding the course topic. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

MAN 4940 Internship 1.00 - 3.00 Credits

Permission of the Program: : . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations. (Note: This course is repeatable up to 3 times for a total of 3 credits.)

MAP 2302 Differential Equations 3.00 Credits

Prerequisite: MAC 2312 . This course covers the basic methods and fundamental theorems of ordinary differential equations with applications in the natural sciences and engineering. Topics include solutions of first order differential equations, solutions of nth order linear differential equations, solutions by power series, Laplace transforms, and systems of linear differential equations.

MAR 1142 Global Marketing 3.00 Credits

This course covers the principles of fair global market trade and methods for developing and implementing global marketing and trade operations. The areas of international trade, payments, development, and multinational enterprise as they apply to global marketing are the key elements of the course.

MAR 2011 Principles of Marketing 3.00 Credits

This course covers the institutions and methods developed for carrying on trade operations, retail and wholesale agencies, elements of marketing efficiency, the cost of marketing, price maintenance, unfair competition, and the relationship of government to marketing.

MAR 2101 Social Media Marketing 3.00 Credits

This course addresses the changes in marketing as a result of the social web. Included will be an in-depth look at the role of social media in marketing. The focus will be on developing an effective marketing plan utilizing social media, with an emphasis placed on the importance of building an online customer community and earning customer trust.

MAR 2321 Advertising 3.00 Credits

This course presents a comprehensive overview, from a managerial viewpoint, of the field of advertising and shows the relationship of advertising to history, economics, marketing, social institutions, and customer psychology. Included in the study are sales promotion, media organization, marketing functioning, brand promotion, and analysis of consumer behavior, budgeting, legislation and regulations. The course culminates with the student planning an advertising campaign.

MAR 2410 Personal Selling 3.00 Credits

This course is a study of the buying-selling cycle with emphasis on the role of salespeople in the free-enterprise system, application of sales principles, components of the sales presentation, and an introduction to sales management.

MAR 2940 Marketing Internship 1.00 - 4.00 Credits

Prerequisite: Academic Department Coordinator/Chair Approval. This course is to be taken after the student has completed 9 credit hours in their major field of study. The purpose of this course is to allow students a real world experience with major-related, supervised, evaluated practical work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to four per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. This course may be repeated for a total of 4 credits.

MAR 3334 Marketing Promotions 3.00 Credits

Prerequisite: MAR 3802 and Admission to: BUS-BS: Business Administration . Today's ever competitive global marketplace consists of a complex set of dynamics and competitors all trying to garner the attention of the same buyers in a rapidly changing retail environment. This course focuses solely on the promotional role of marketing, and will illustrate the numerous aspects, tools, techniques and approaches involved with consumer marketing communications. Included will be an analysis of issues and approaches surrounding the use of: advertising, public relations, event marketing, direct response marketing, sales promotions, personal selling, and electronic marketing. Special attention will be offered to the integration & evaluation of these promotional practices, as well as their market-effectiveness.

MAR 3802 Marketing Management 3.00 Credits

Admission to: BANK-BAS: Banking or BUS-BS: Business Administration or INTBUS-BAS: International Business or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management or TMGT-BAS: Technology Development and Management or BTEED-BS: Business Technology Education (6-12) or HSA-BAS: Health Services Administration . This course helps develop the marketing knowledge and skills necessary for the successful manager to address the intermediate marketing issues surrounding the complex demand management problem all organizations face. Students will understand marketing concepts, including the development of a marketing strategy. The course focuses on consumer, and business-to-business marketing.

MAR 4413 Sales and Customer Relationship Management 3.00 Credits

Admission to: BUS-BS: Business Administration or MGTORG-BAS: Management and Organizational Leadership or DENH-BAS: Dental Hygiene or HSA-BAS: Health Services Administration or NURS-BS: Nursing or SCMGT-ATC: Supply Chain Management . This course focuses on addressing the issues, processes and strategies related to professional selling and customer relationship management, providing insight into the art of selling, relationship building, and sales management. Concepts explored include prospecting, lead management, product introduction, closing strategies and relationship management.

MAR 4424 International Marketing 3.00 Credits

Admission to: (BUS-BS: Business Administration or INTBUS-BAS: International Business and) Prerequisite: MAR 3802 . This course focuses on addressing the issues and strategies of managing the marketing function in transnational firms. International Marketing is a comprehensive course in global marketing tactics and approaches focusing on the fundamentals of global marketing issues and strategies (including strategic alliances), social and cultural environments, and the strategic implications of market entry and expansion in developing a multinational marketing function in global enterprises.

MAR 4613 Marketing Research 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or INTBUS-BAS: International Business or BUS-BS: Business Administration . This course focuses on addressing the issues, methods and strategies associated with the collection, management, analysis and dissemination of information for use in marketing decisions. The core focus will be on primary and secondary research methodologies, including problem identification, methodology design, sampling, questionnaire design, fieldwork implementation, data analysis and presentation of results.

MAR 4836 Concept and Product Development 3.00 Credits

Admission to: MGTORG-BAS: Management and Organizational Leadership or BUS-BS: Business Administration or SUSMGT-BAS: Sustainability Management . This course will illustrate the numerous aspects involved with establishing bona-fide product concepts for newly established entrepreneurs. Included will be an in-depth review of how micro- and macro-econometric modeling and predictive marketing research models are created and used in consumer and business-to-business markets. Specific areas of focus

include problem-solution relationships, innovation, idea generation, concept transition, test marketing, commercialization and branding.

MAR 4841 Services Marketing 3.00 Credits

Prerequisite: MAR 3802 and Admission to: BUS-BS: Business Administration . Over the years, the marketplace has transitioned from a manufacturing-based economy (early-to-mid 1900's) to a service-based economy. At present, approximately 80% of domestic GDP, and a commanding 64% of global GDP are in fact derived from service-based market offerings; not tangible goods. Services require a unique approach to their design, development, pricing, promotion, and marketing management approach, including an "extended" 7-P's marketing mix inclusive of People, Processes and Physical Environment.

MAS 3105 Linear Algebra with Applications 4.00 Credits

Prerequisite: MAC 2312 . This course is designed for students who are majoring in secondary mathematics education, mathematics, science or engineering. This course provides a thorough treatment of linear algebra using a matrix-oriented approach. Major topics include: matrices, systems of linear equations, linear transformations, determinants, eigenvectors and eigenvalues, vector spaces, subspaces, inner product spaces, and orthogonality. Emphasis is on development of algebraic reasoning abilities in analyzing conceptual relationships. (Note: Credit is only given for MAS 3105 or MAS 2103.)

MAS 4203 Number Theory 3.00 Credits

Prerequisite: MAC 2312 . This is an introductory course to number theory with an emphasis on gaining an understanding of the nature of mathematical thinking and learning. It provides students with the opportunity to formulate conjectures and write mathematical proofs. Formal proofs are constructed in order to develop concepts in number theory. Topics include divisibility, the Euclidean algorithm, linear Diophantine equations, factorization, the Fundamental Theorem of Arithmetic, prime numbers, congruence, and multiplicative functions.

MAS 4301 Introductory Abstract Algebra 3.00 Credits

Prerequisite: MAS 3105 . This course is designed for students majoring in secondary mathematics education, mathematics, science or engineering. This course presents an introduction to the basic structures of abstract algebra with the aim of connecting these structures to high school mathematics curricula. Major topics include: groups and subgroups, permutations and symmetries, properties of the integers, rings and subrings, ideals, integral domains, and fields. Emphasis is on developing understanding through active investigation of the concepts presented. Emphasis is also given to development of algebraic reasoning abilities in analyzing conceptual relationships.

MAT 0022 Developmental Mathematics 0 Credits

This is a course in the college-preparatory sequence that combines the objectives of both MAT 0018 and MAT 0028 and is designed to prepare students for college-level mathematics courses. This course is a study of the basic skills and concepts of basic algebra from the view of a college student who needs an understanding of basic algebra. Major topics include operations with integers, fractions, decimals, percents, geometric figures and their measures (including application problems), and other pre-algebra topics, and operations with signed rational numbers, simple linear equations and inequalities in one variable, operations on polynomials (including beginning techniques of factoring), integer exponents, brief introduction to radicals, introduction to graphing, applications, and other elementary algebra topics.

MAT 0028 Developmental Mathematics II 0 Credits

Prerequisite: Appropriate score on the SPC mathematics placement test or MAT 0018 . This is the second course in the college-preparatory two-course sequence (MAT 0018 and MAT 0028) designed to prepare students for college-level mathematics courses. This course is a study of the basic skills and concepts of basic algebra from the view of a college student who needs an understanding of basic algebra. Major topics include operations on signed rational numbers, simple linear equations and inequalities in one variable, operations on polynomials (including beginning techniques of factoring), integer exponents, brief introduction to radicals, introduction to graphing, applications, and other basic algebra topics. A minimum course grade average of C (minimum 70% accuracy) is required for successful completion. This course does not apply toward mathematics requirements in general education or toward any associate degree. Credit is only given for MAT 0028 or MAT 0022.

MAT 0056 Developmental Mathematics Module 0 Credits

Prerequisite: Appropriate score on the college placement test. or Permission of the Program: Permission of a Mathematics Department program administrator. . This college preparatory course is designed to improve the basic skills and concepts of elementary algebra from the view of a college student who needs an understanding of basic algebra. Course strategies will include one-on-one instruction, small group instruction, and computer instruction in a lab setting. A diagnostic assessment will determine placement into course modules as well as exit requirements. This course is intended to prepare students for successful entry into college-level course work and does not apply toward mathematic requirements in General Education or toward any associate degree.

MAT 1033 Intermediate Algebra 3.00 Credits

Prerequisite: Appropriate score on an SPC approved assessment. or completion of required developmental education coursework. . Major topics include: factoring, algebraic fractions, radicals and rational exponents, complex numbers, quadratic equations, rational equations, linear equations and inequalities in two variables and their graphs, systems of linear equations and inequalities, introduction to functions, and applications.

MAT 1033L Intermediate Algebra Laboratory 1.00 Credits

Pre or Corequisite: MAT 1033 . This is a laboratory course to foster success in Intermediate Algebra and to provide additional opportunities for application of the basic skills and concepts of Intermediate Algebra.

MAT 1100 Exploration of Mathematics and Quantitative Reasoning 3.00 Credits

Other: Demonstration of college-level math or appropriate scores on SPC Placement Test. This course builds the foundation for understanding selected concepts taken from topics which include algebra, set theory, logic, geometry, probability, and statistics. Critical thinking skills, problem-solving strategies, communicating mathematically, and appropriate use of technology will be incorporated throughout the course via activities and projects. (Note: This course serves as an alternative to MAT 1033 that will prepare students for Liberal Arts Math (MGF 1106/1107) and/or Statistics (STA 2023) courses.)

MCB 2004C Microbiology for Health Professionals 4.00 Credits

Prerequisite: BSC 1084C Or (BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L) . This course provides the necessary background and practical hands-on experience in microbiology required for non-nursing students entering the healthcare field. This course emphasizes hands on training in the principles and practices of maintaining sterility and aseptic technique skills as well as special focus on preventing infections during perioperative and interventional treatments in hospital and clinical settings. Topics include the history of microbiology, characteristics of microorganisms, the differences between prokaryotic and eukaryotic cells, host/microbe interactions and the role of genetic changes in these relationships, legal concepts, risk and ethical issues associated with working in the healthcare field.

MCB 2010CH Honors Microbiology with Laboratory 4.00 Credits

Prerequisite: (BSC 2086 and BSC 2086L) or (BSC 2010 and BSC 2010L) or (BSC 2010CH and Other: Acceptance into the Honors College) . Microbiology consists of the study of microorganisms and their role in our environment and health from a cellular and molecular point of view. Topics include microbial cell structure and function, microbial genetics and metabolism, bacterial identification, microbe-host interactions, antimicrobial agents, microbial control, and infectious disease. This course will employ interactive learning and research projects beyond the typical Microbiology lecture and laboratory course. The laboratory portion of the course will include preparing stained smears, culturing microorganisms, conducting diagnostic tests, performing tests to identify microorganisms, and studying microbial growth control methods.(Note: Credit is only given for MCB 2010/L or MCB 2010C or MCB 2010CH)

MCB 2010 Microbiology 3.00 Credits

Prerequisite: (BSC 2086 and BSC 2086L) or (BSC 2010 and BSC 2010L or BSC 2010CH and) Pre or Corequisite: MCB 2010L . Microbiology consists of the study of microorganisms and their role in our environment and health from a cellular and molecular point of view. Topics include microbial cell structure and function, microbial genetics and metabolism, bacterial identification, microbe-host interactions, antimicrobial agents, microbial control, and infectious disease. This course will emphasize the interaction of microorganisms with humans and the diseases they cause. This will enable students to understand disease-causing

representatives of different groups of microorganisms and how these are transmitted and controlled. This course is not an acceptable pre-requisite for most professional and graduate programs (e.g. Physician assistant, medical school, etc.).

MCB 2010L Microbiology Laboratory 1.00 Credits

Pre or Corequisite: MCB 2010 . This course teaches the fundamental techniques utilized in the microbiology laboratory setting. This course is designed to familiarize the student with common practices including isolation, cultivation, and identification of microorganisms. This laboratory will consist of experiments that teach bacterial techniques, characteristics of morphology, growth responses, metabolic activity, and distribution in selected environments. .

MCB 3020 Microbiology 3.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) CHM 2210 and CHM 2210L and Pre or Corequisite: MCB 3020L . Microbiology is the study of organisms and agents too small to be seen clearly by the unaided eye. Topics will include microbial metabolism, nutrition, growth and control, molecular biology and microbial genetics, diversity of the microbial world, microbial ecology, microbial diseases and host defenses. (Note: Credit is only given for (MCB 3020C) or (MCB 3020/MCB 3020L)).

MCB 3020L Microbiology Lab 1.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) CHM 2210 and CHM 2210L and Pre or Corequisite: MCB 3020 . Microbiology is the study of organisms and agents too small to be seen clearly by the unaided eye. This laboratory course will consist of experiments that include the application of fundamental techniques used in isolation, cultivation and identification of microorganisms and using microorganisms to study current topics in biotechnology. (Note: Credit is only given for (MCB 3020C) or (MCB 3020/MCB 3020L)).

MET 2010 Introductory Meteorology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 and MAT 0028) or (EAP 1695 and MAT 0028) or appropriate scores on the college placement test. . This course is a survey of the basic laws governing atmospheric structure, atmospheric motions, weather processes and weather systems.

MGF 1106 Mathematics for Liberal Arts I 3.00 Credits

Other: Appropriate score on an SPC approved assessment or Completion of required developmental education coursework . This course is a general survey course in mathematics and covers a number of traditional, independent topics and will include concepts related to mathematical logic, sets, systematic counting, probability, statistics and geometry. (Note: Credit is only given for MGF 1113 or MGF 1119 or MGF 1106).

MGF 1107 Mathematics for Liberal Arts II 3.00 Credits

Other: Appropriate score on an SPC approved assessment or Completion of required developmental education coursework . This course presents topics demonstrating the beauty and utility of mathematics to the general student population and to provide knowledge and skills useful for college, life, and career. The course will include topics related to history of mathematics, financial mathematics, linear and exponential growth, voting and apportionment methods and graph theory. Mathematical connections with music, art, architecture and nature will be explored. Critical thinking skills, problem solving strategies and appropriate use of technology will be used throughout the course. (Note: This course satisfies three credits of the mathematics requirements outlined in the General Education Requirements, but is not a prerequisite to any other mathematics course. MGF 1106 and MGF 1107 may be taken concurrently.)

MGF 4301 Transitions to Advanced Mathematics 3.00 Credits

Pre or Corequisite: MAD 3107 and MAS 3105 . This course is an introduction to the axiomatic nature of mathematics through topics in areas such as set theory, relations, functions, algebra, and analysis. The rigor of precise definitions, theorems, and proofs will be emphasized.

MHF 4404 History of Mathematics 3.00 Credits

Prerequisite: [MAC 2311](#) . This course is designed for students who have an interest in the history of mathematics. It is a chronological study of mathematics starting prior to sixth century B.C. and ending with present time. Students will examine historical developments as well as connections within mathematics through readings, discussions, and applications.

MMC 2000 Introduction to Mass Communications 3.00 Credits

Prerequisite: [ENC 0025](#) or [EAP 1695](#) or appropriate score on the college placement test . This course is a survey of the background, nature, and functions of the media of mass communications, with special emphasis on the print, film, and electronic media. The course is designed to provide the student with a basis for effective analysis, evaluation, and use of the various media, and with a knowledge of the role and the responsibilities of the mass media in a democratic society. This course has a substantial writing requirement.

MMC 2100 Writing for the Mass Media 3.00 Credits

Prerequisite: ([ENC 1101](#) or [ENC 1101H](#) and [REA 0017](#)) or [EAP 1695](#) or (appropriate scores on the college placement test) . This course provides instruction and practice in writing for multimedia platforms, including web/internet, print, audio and video. This course addresses new technology issues, current events, and the importance of diversity and ethics in media writing. This course has a substantial writing requirement.

MMC 2700 Mass Media and Popular Culture 3.00 Credits

Prerequisite: ([ENC 0025](#) or [ENC 0056](#)) or ([EAP 1695](#)) or appropriate score on the college placement test . This course is a survey of the popular arts (those intended for mass consumption and commercial entertainment), with special emphasis on movies, television, radio, internet, books, magazines, art, and music, such as jazz, folk, and rock. This course is designed to provide the student with an understanding of the ways in which the mass media reflect society. (Note: This course has a substantial writing requirement. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

MMC 2949 Internship 1.00 - 3.00 Credits

Pre or Corequisite: [MMC 2000](#) and Permission of the Program: [:](#) . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations.

MNA 1751 Customer Service I: Developing A Spirit of Customer Service 1.00 Credits

This course is designed to assist those who deal with clients either face-to-face or through electronic media. Students will examine the role of customer service as a competitive business strategy, explore the role of communication in building customer relationships, and be introduced to techniques for dealing with difficult customer situations including challenges that can be produced by generational, linguistic and cultural diversity.

MNA 1760 Customer Service II: Developing Exceptional Customer Service 1.00 Credits

Prerequisite: [MNA 1751](#) or Permission of the Program: [:](#) . This course is designed to develop increased proficiency with the skills and behaviors necessary to deliver quality customer service in even the most difficult situations. Participants will explore and classify levels of customer service, learn the value of consistently exceeding customer expectations, recognize different communication styles customers may have, practice techniques for handling objections and asking for feedback, reinforce active listening skills, and use probing questions to identify additional service opportunities. Participants will also be introduced to basic phone selling skills.

MSL 1001C Leadership and Personnel Development 2.00 Credits

This course introduces cadets to the personal challenges and competencies that are critical for effective leadership. Cadets learn how the personal development of life skills such as critical thinking, goal setting, time management, and physical and mental fitness (resiliency training) relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions while gaining a big picture understanding of the ROTC program, its purpose in the Army, and its advantages for the student.

MSL 1002C Introduction to Tactical Leadership 2.00 Credits

This course is an overview of leadership fundamentals such as setting direction, problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Students will explore dimensions of leadership attributes and core leader competencies in the context of practical, hands-on, and interactive exercises. Continued emphasis is placed on recruitment and retention of students. Cadre role models and the building of stronger relationships among the students through common experience and practical interaction are critical aspects of the course experience.

MSL 2101C Innovative Team Leadership 2.00 Credits

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership requirements model. Cadets practice aspects of personal motivation and team building in the context of planning, executing, and assessing team exercises and participating in leadership labs. Focus is on continued development of the knowledge of leadership attributes and core leader competencies through an understanding of Army rank, structure, duties and basic aspects of land navigation and squad tactics. Case studies provide tangible context for learning the Soldier's Creed and Warrior Ethos as they apply in the operational environment (OE).

MSL 2102C Foundations of Tactical Leadership 2.00 Credits

This course examines the challenges of leading tactical teams in the OE. The course highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army leadership requirements model explores the dynamics of adaptive leadership in the context of military operations. MSL 2102 provides a smooth transition into MSL 3201. Cadets develop greater self awareness as they assess their own leadership styles and practice communication and team building skills. OE case studies give insight into the importance and practice of teamwork and tactics in real-world scenarios.

MSL 2900 Army Physical Readiness 1.00 Credits

This course will train students in the unique role of Army physical readiness in sustaining military operations. It will also prepare students to plan, prepare and conduct military fitness training. (Note: This course may be taken for 8 semesters, but only 4 credit hours will be counted toward the program.)

MSL 3201C Adaptive Team Leadership 3.00 Credits

MSL 4002C Leadership in a Complex World 2.00 Credits

This course explores the dynamics of leading in the complex situations of current military operations in the contemporary operating environment (COE). The student will examine differences in customs and courtesies, military law, principles of war, and rules of engagement in the face of international terrorism. The student will also explore aspects of interacting with non-government organizations, civilians on the battlefield, and host nation support.

MTG 3212 Modern Geometries 4.00 Credits

Prerequisite: MAC 2311 . This course presents the axioms, basic concepts, proofs and constructions of Euclidean geometry involving line segments, angles, triangles, polygons, circles, parallel lines and similarity. Constructions are made using both compass and straightedge and interactive geometry software. The course also presents basic concepts of non-Euclidean geometries including hyperbolic and spherical. Students will use technology to make conjectures and discoveries concerning geometrical relationships and construct geometric proofs.

MUC 1101 Introduction to Music Composition 2.00 Credits

Prerequisite: MUT 1001 and Permission of the Program. Students practice compositional skills with assignments and projects to demonstrate an understanding of the basic materials, devices, and processes for composing music in the small forms. The course is a survey of styles of the major creative movements, with emphasis on twentieth century techniques. (Note: This course may be taken up to 2 times for a total of 4 credits. One hour private lesson plus one hour seminar class each week.)

MUC 1102 Music Composition II: Strings and Woodwinds 2.00 Credits

Prerequisite: MUC 1101 and Permission of the Program. Continuation of MUC 1101, but with an emphasis on (a) orchestration technique in composing for the string instruments both as solo instruments, and as a family. Projects for duo, trio, string quartet, and string orchestra; and (b) for the woodwind family. (Note: This course may be taken up to 2 times for a total of 4 credits. One-hour private lesson plus one-hour seminar class each week.)

MUC 1104 Music Composition III: Brass and Percussion 2.00 Credits

Prerequisite: MUC 1101 and Permission of the Program. Continuation of MUC 1101, but with an emphasis on (a) orchestration technique in composing for the brass instruments both as solo instruments, and as a family. Projects for duo, trio, brass quartet and quintet, and for brass choir; and (b) for the percussion family. (Note: This course may be taken up to times for a total of 4 credits. One-hour private lesson plus one-hour seminar class each week.)

MUC 1621 Composition in Modern Media 2.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUT 2341 . Students practice compositional skills with assignments and projects to demonstrate an understanding of the basic materials, devices, and processes for composing and arranging contemporary music in the most common popular forms. The course is a survey of styles of the current creative movements, with emphasis on both acoustic and electronic techniques. (Note This course may be taken up to 2 times for a total of 4 credits. One-hour private lesson plus one-hour seminar class each week.)

MUC 2000 Songwriting 2.00 Credits

Prerequisite: MUT 1001 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course is designed to introduce students to the craft of songwriting as well as to help experienced songwriters discover new strategies to expand their technique. Focus is on contemporary music, especially, but not limited to, popular music and jazz. The course provides information that can be immediately applied to composing songs.

MUC 2001 Songwriting II 2.00 Credits

Prerequisite: MUC 2000 and Admission to: composition subplan . This course offers a systematic approach to constructing strong, expressive melodies in commercial songwriting. It encompasses: creating memorable melodies, using counterpoint effectively in song construction, developing melodic ideas over different modes, and incorporating melodies across chords into different song sections.

MUC 2622 Composition in Modern Media 2 1.00 - 2.00 Credits

Prerequisite: MUT 2342 and MUT 2342L and Pre or Corequisite: MUC 2940 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course is the advanced level of Contemporary Composing and Arranging. Students practice compositional skills with assignments and projects to demonstrate an advanced understanding of the full spectrum of materials, devices, and processes for composing and arranging contemporary music in a wide range of popular forms. The course is an in-depth discussion and analysis of styles used in the current creative movements, with emphasis on both acoustic and electronic techniques. (Note: This course may be taken up to 4 times for a total of 4 credits.) One-hour private lesson plus one-hour seminar class each week. (Note: Course changed from 2 credits to 1 credit, Spring 2018 (0540). Students in requirement terms prior to Spring 2018 (0540) should register for the 2 credit offering. Please contact the MIRAS-AS program office for further information.)

MUC 2631 Avid Pro Tools for the Composer 3.00 Credits

Prerequisite: MUM 2601 and MUM 2601L and MUT 2341 and MUM 2609 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course is the advanced level study of composing while using specific computer-based production platforms. Students practice compositional skills with assignments and projects to demonstrate an advanced understanding of the tools available to the composer when using the Avid Pro Tools software and hardware.

MUC 2940 Music Composition Internship 1.00 Credits

Pre or Corequisite: MUC 1621 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course is designed to provide students with major-related, supervised, evaluated practical training work experiences in music composition which may be paid or

voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. (Note: The student must fulfill the requirement of 60 on-the-job hours for each credit earned.)

MUH 1110 Introduction to Music History 3.00 Credits

Prerequisite: Dev Level 2 Writing Met and Dev Level 2 Reading Met. This course is designed to acquaint the student with musical styles and their historical backgrounds. It is intended for music majors but open to all students who are able to read music. (Note: This course partially satisfies the writing requirements as outlined in the General Education Requirements.)

MUL 1010 Music Appreciation 3.00 Credits

Prerequisite: Dev Level 2 Writing Met. This course is a general survey of the world's great music and its composers, with emphasis upon the development of intelligent listening. It is designed for the non-music major. This course partially satisfies the writing requirements outlined in the General Education Requirements. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

MUM 0001 Music Industry Recording Arts Orientation 0 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering . MUM 0001 Music Industry Recording Arts (MIRA) Orientation provides an overview of the music industry, preparing students for success in the SPC MIRA-AS program. The course fulfills multiple goals. First, students engage in a survey of music technology, business practice, and entrepreneurial topics presented by an assortment of faculty and guest speakers. Second, students complete a personalized academic pathway with guidance. Third, students collaborate to produce a creative project as a team.

MUM 1001 Apple Macintosh Foundations 1.00 Credits

This course is specifically designed to serve the incoming student that does not have familiarity with the Apple Macintosh operating system's conventions. The Music Industry/Recording Arts program (MIRA-AS) uses Apple computers exclusively, and this course will assist the student that is unfamiliar with the platform get a solid foundation in order to begin their studies. (Note: This course satisfies SPC's computer competency requirement effective Spring 2018).

MUM 1030 Performance Techniques 1.00 Credits

Prerequisite: Audition required and Admission to: performance subplan. This course is the study of rehearsal and performance skills and techniques necessary for professional musicians to maintain good personal health, develop constructive practice regimens, and prepare themselves for a high level of competency when engaged in professional music performances.

MUM 1034 Vocal Coaching For The Recording Studio 2.00 Credits

Prerequisite: Audition required. This course is for vocal students in the first year of study in the music industry recording arts program. The instruction concentrates on training singers who are preparing for a career in commercial singing, with a focus of the physical processes of voice, effective vocal recording technique, and the study and development of music promotional materials for the vocalist. Class activities involve both individual and group singing experiences. (Note: This course may be taken up to 2 times for a total of 4 credits.)

MUM 1623 Electronic Music: Synthesis and Sampling I 3.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUM 0001 and MUS 1360 . This course is the first of a two-semester curriculum exploring how electronic music synthesis and sampling is used in modern music production. The history of synthesis, analog sound reproduction, hardware component types, and hands-on practical application are areas of study.

MUM 1629 Audio Mixing Techniques I 3.00 Credits

Admission to: :Production Subplan and Prerequisite: MUM 2601 and MUM 2601L and MUM 2609 and MUS 1621 and Pre or Corequisite: MUM 1629L or Other: (Permission of the Department) . This course is the study of contemporary audio engineering techniques. Fundamental aspects of working in the mixing phase of record production are topics of study and practice, including: sound aesthetics and balance priorities, signal flow and routing concepts, signal processing types and their mix-specific applications. Through assignments and examples, a practical foundation in the mixing engineer's skill-set will be developed.

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MUM 1629L Audio Mixing Techniques I Lab 1.00 Credits

Pre or Corequisite: MUM 1629 . This course serves to provide the student with an applied, practical environment to work with advanced audio mixing techniques using concepts put forth in MUM 1629 to computer-based recording and mixing set-ups. Skills will be developed that will enable the student to work in an audio mixing environment at a beginning to intermediate level.

MUM 1662 Live Sound Reinforcement Techniques 3.00 Credits

Pre or Corequisite: MUM 2600 and MUS 1621 and MUM 1942 and Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) . This course is the study of contemporary live sound reinforcement engineering techniques. All aspects of working in the live sound environment such as; audio component types, venue acoustical considerations, signal processing, application specific technical considerations, microphone techniques, mixing techniques, and sound crew protocol and common practice are topics of study.

MUM 1942 Internship: Sound Engineering I 1.00 - 3.00 Credits

Pre or Corequisite: MUM 2600 and MUS 1621 and MUM 1662 and Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) . This course is the first of two semesters of study, and is designed to enable students to evolve individually, and as a group, toward the utilization of sound engineering technology in a professional setting. Students will utilize audio engineering skills and techniques acquired in the classroom and apply these techniques in a pre-determined audio recording or live sound reinforcement situation. Students will explore their audio production discipline in a direct supervised, on-site, training program/internship for knowledge and experience. The emphasis will be a hands-on approach working with other students in an appropriately equipped performance venue and incorporating academic discussions and practices with job related experience. (Note: This course may be taken up to 3 times for a total of 3 credits. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to other assignments.)

MUM 2035 Vocal Coaching for the Recording Studio II 2.00 Credits

Prerequisite: MUM 1034 or Permission of the Program: : and Prerequisite: Audition required . This course is for the music major in the second year of study in the secondary performance area. The instruction concentrates on training singers who are preparing for a career in commercial singing, with a focus of the physical processes of voice, effective vocal recording technique, group performance blend, stylistic adjustment, and performance discipline in a studio setting. Class activities involve both individual and group singing experiences. (Note: This course may be taken up to 2 times for a total of 4 credits.)

MUM 2313 Legal Issues in Music 3.00 Credits

Prerequisite: MUM 0001 and Admission to: MIRAS-AS: MUSIC INDUSTRY/RECORDING ARTS . This course is intended to provide a comprehensive overview of basic legal concepts and laws a professional in the music and recording arts industry should master including those concerning intellectual property, agency, business formation, employment and contracts to better prepare and protect the professional. Topics covered include the creation and protection of intellectual property, the meaning of agency relationships and various contract formation and legal issues specific to music and recording arts.

MUM 2600 Professional DAW Application 3.00 Credits

Prerequisite: MUM 0001 and MUS 1360 and Pre or Corequisite: MUS 1621 and Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) . This course in the music technology sequence centers on the use of professional Digital Audio Workstations (DAWs). It presents recording concepts, historical milestones, signal flow theory, analog and digital basics, studio protocol and infrastructure, and critical music technology nomenclature. (Note: This course will prepare students for Studio Recording Techniques & Music Production.)

MUM 2601 Studio Recording Techniques & Music Production 3.00 Credits

Prerequisite: MUM 2600 and Pre or Corequisite: MUM 2601L and Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) . This course in the music technology sequence presents techniques used in working with Pro Tools hardware and software. Digital audio theory, basic Pro Tools configuration techniques, graphical user interface (GUI) topography, and session initiation will be explored. (Note: This course prepares students for Collaborative Recording Studio Production.)

MUM 2601L Studio Recording Techniques & Music Production Lab 1.00 Credits

Pre or Corequisite: MUM 2601 and Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) . This course serves to provide the student with an introduction to digital audio recording by applying concepts put forth in MUM 2600 and MUM 2601 to computer-based recording set-ups. Skills will be developed that will enable the student to operate a Pro Tools system at an introductory level. (Note: This course will prepare students for Collaborative Recording Studio Production.)

MUM 2602 Collaborative Music Production and Recording Studio Techniques 3.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUM 2601 and MUM 2601L and Pre or Corequisite: MUM 2602L . This third course in the music technology sequence presents advanced techniques used in working with Pro Tools hardware and software. Professional recording, editing, and mix-down techniques will be explored. (Note: This course will prepare students for MIRA Capstone Courses.)

MUM 2602L Collaborative Music Production and Recording Studio Techniques Lab 1.00 Credits

Pre or Corequisite: MUM 2602 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course provides opportunities for students to practice digital audio manipulation in a studio setting. The course of study will include advanced recording, editing, and mix-down techniques within the Pro Tools environment. (Note: This course will prepare students for MIRA Capstone courses.)

MUM 2603 Music Production Capstone 3.00 Credits

Prerequisite: MUM 2602 and MUM 2602L and Admission to: MIRAS-AS: MUSIC INDUSTRY/RECORDING ARTS . Music Production Capstone presents live recording and professional level production techniques used in working with Pro Tools hardware and software. The course of study will include applied recording, editing, and mix-down techniques in a real world setting, utilizing learned skills to capture a live performance and present a final mix for evaluation.

MUM 2609 Critical Listening: Analysis of Contemporary Production Techniques 3.00 Credits

Prerequisite: MUM 2600 and MUS 1621 and Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) . This course is an in-depth study of production techniques used in contemporary popular music. Song structure, style characteristics, arranging techniques, recording methods, and mix-down and mastering processes will be analyzed and discussed.

MUM 2610 Music Production Foundations 3.00 Credits

Pre or Corequisite: MUM 2670 . This course is specifically designed to serve the Avid Certified Pro Tools Expert and Sound Technologist Certificate program (AVID-CT). In conjunction with the Avid Pro Tools training, the student will train in basic recording techniques, signal flow, basic acoustic principles, sonic manipulation, studio etiquette, and job skills preparation. Upon completion of the Avid Certified Pro Tools Expert and Sound Technologist program, the student is awarded a college certificate. (Note: These courses will apply toward the AS degree in Music Industry/Recording Arts.)

MUM 2611 Acoustic and Remote Recording Techniques 2.00 Credits

Prerequisite: MUM 2601 and MUM 2601L and MUS 1621 and MUT 1001 and Pre or Corequisite: MUM 2945 . This course is an in-depth study of techniques used in recording classical, jazz and other acoustic music in studios as well as performance-venues and other remote locations. Stereo microphone techniques, recording methods and media, mix-down and post-production processes will be analyzed and discussed. Through lectures, demonstrations and co-requisite internship, students will gain practical experience in cooperation with local orchestra musicians, ensembles and soloists.

MUM 2612 Critical Listening II: Analysis of Contemporary Production Techniques 3.00 Credits

Prerequisite: MUM 2609 and Admission to: production subplan . This course is an advanced level study of production techniques used in contemporary popular music. It is designed to be the second semester study of in-depth listening skills required of the mixing and mastering specialist. Listening examples will provide an overview of the history of innovations and revolutions in analog and digital technology. Sound aesthetics, stylistic trends, recording media and methods, mixing techniques, signal processing and mastering approaches will be analyzed and discussed.

MUM 2640 Post Production Sound 3.00 Credits

Prerequisite: MUM 2601 and MUM 2601L and MUS 1621 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course is the study of contemporary audio post-production engineering techniques. The goal of this curriculum is to prepare the student for a career in post-production audio. Dialogue editing, sound effects, automated dialogue replacement (ADR), music editing, mixing, and delivery methods are topics of study.

MUM 2670 Avid Pro Tools 101/110 3.00 Credits

Prerequisite: MUM 0001 and MUS 1360 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course is the first semester of a two-semester course structure preparing the student for the Pro Tools Operator Certification Exam administered by Avid. This course is the introductory to advanced sequence for Avid Pro Tools LE software and hardware. (Note: The student will be eligible to take the Pro Tools 101 and Pro Tools 110 exams at the culmination of this course.)

MUM 2671 Avid Pro Tools 201/210 3.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUM 2670 . This course is the second semester of a two-semester course structure preparing the student for the Pro Tools Operator Certification Exam administered by Avid. This course is the intermediate to advanced sequence for Avid Pro Tools HD software and hardware. (Note: The student will be eligible to take the Pro Tools 201 and Pro Tools 210 exams at the culmination of this course, and achieve Certified Pro Tools Operator status.)

MUM 2677 Performing Arts and Event Management Capstone 3.00 Credits

Prerequisite: MUM 2602 and MUM 2602L and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course is an in-depth study of contemporary production techniques and tools used in concert and event production. Students will develop a familiarity and gain practical skills required for successful event production and management.

MUM 2678 Audio Mixing Techniques II 3.00 Credits

Admission to: Production Subplan and Prerequisite: MUM 2601 and MUM 2601L and MUM 1629 and MUM 1629L and Pre or Corequisite: MUM 2678L Other: Or (Permission of the Department) . This course is a study of advanced contemporary audio engineering techniques. All aspects of working in the mixing phase of record production are topics of study and practice including; advanced processing techniques and effectual problem solving, automated mixing workflows and control surface concepts, sound/balance aesthetic decision making and mix-translation objectives. Assignments and exercises will add breadth and depth to students' mixing experience, while following a model of industry-established collaborative roles, and exercises in creative communication protocol and common practice.

MUM 2678L Audio Mixing Techniques II Lab 1.00 Credits

Pre or Corequisite: MUM 2678 . This course serves to provide the student with an applied, practical environment to work with advanced audio mixing techniques using concepts put forth in MUM 2678 with computer-based recording and mixing set-ups. Skills will be developed that will enable the student to work in an audio mixing environment at an intermediate to advanced level.

MUM 2679 Avid Pro Tools 310M (Expert Certification) 3.00 Credits

Prerequisite: MUM 2671 . This course is a third semester of a three semester course structure preparing the student for the Pro Tools Operator Expert Certification Exam in Music administered by Avid. This course is the advanced level in the sequence for Avid Pro Tools HD software and hardware. (Note: The student will be eligible to take the Avid Pro Tools 310M exams at the culmination of this course, and achieve Expert Pro Tools Operator status.)

MUM 2680 Audio Technology Foundations 3.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUM 2600 and MUS 1621 . This course offers beginning to intermediate study and application of practical skills and concepts essential to career-paths in audio engineering and music production. Listening sessions and projects will focus on comparisons and evaluations of recordings, recording equipment, software and hardware, serving simultaneously as ear-training and skills-training in the proper methodology for making such comparisons. Through listening, we will examine basic audio principles and myths, recognize distortion types and phase issues, examine differences in sound between various types of recording and playback devices, processors and transducers. The students will

engage in basic wiring/soldering and building projects. Students will troubleshoot and solve basic signal chain/wiring issues. The student will gain confidence and skill in establishing solid test procedures, troubleshooting processes and basic wiring skills applicable to any studio or live audio setting.

MUM 2681 Audio for Broadcast Foundation 3.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUM 2601 and MUM 2601L and MUS 1621 . This course is the study of contemporary audio for broadcast production engineering techniques. The goal of this curriculum is to prepare the student for a career in over-the-air and internet radio audio. Voice-over production, show construction, script writing, music editing, mixing, and delivery preparation are topics of study. The student will be prepared to participate in the MIRA Internet Radio Club for real-time production and broadcast.

MUM 2682 Applied Mixing Techniques 2.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUM 2678 . This course offers students individual, directed study in contemporary audio mixing techniques. Applying skills developed in prerequisite classes, students will work directly with instructor and in peer-review class-meetings, focusing production classes and disciplines. This process will challenge on self-originated projects, as well as pool projects, pairing them for collaboration with students working in other music further refinement of technical skills, and offer essential experience in students' communication and collaboration aptitudes that will prove a distinct advantage as they enter this competitive industry. (Note: This course may be taken up to 2 times for a total of 4 credits. One hour private lesson plus one hour seminar/peer-review class each week.)

MUM 2707 Practical Music Business 3.00 Credits

Prerequisite: MUM 0001 and Admission to: MIRAS-AS: Music Industry/Recording Arts . This course covers the business and promotion of music and its related professions. Included are discussions and projects for the creation, growing, and marketing of your musical specialty. Topics include: developing and branding your talent, networking with others in the field of music to promote your profession, contract terms and negotiations, pricing, and the importance of maximizing opportunity. The retail and wholesale music business, musical instruction and working with musical volunteers will also be discussed.

MUM 2944 Internship: Studio Engineering I 3.00 Credits

Prerequisite: (MUM 2602 and MUT 1001 or) Permission of the Program. The Studio Engineering internship is designed to prepare and coordinate in-field experience for advanced students in a professional recording industry setting, such as recording studios, audio post-production facilities, or broadcast studios. Internship should help students to advance their skills and abilities through practical application of techniques and concepts discussed in other courses. The internship experience should also provide opportunities to further develop professionalism, problem-solving, resourcefulness and self-reliance, and may offer chances to establish contacts within the industry that lead to entry-level employment.

MUM 2945 Internship: Sound Engineering II 1.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUM 1942 . This course is the second of two semesters of study, and is designed to enable students to evolve individually, and as a group, toward the advanced utilization of sound engineering technology in a professional setting. Students will utilize audio engineering skills and techniques acquired in the classroom and previous internships, and apply these techniques in a pre-determined audio recording or live sound reinforcement situation. Students will explore their audio production discipline in a non-direct supervised, on-site, training program/internship for knowledge and experience. The emphasis will be a hands-on approach working with other students in an appropriately equipped performance venue and incorporating academic discussions and practices with job related experience. (Note: The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to other assignments.)

MUN 1031 Rock Ensemble I 1.00 Credits

Prerequisite: Audition required. Open to both instrumentalists (any instruments) and singers, this course is the study and performance of commercial music. Emphasis is placed on learning a wide variety of popular music styles heard on radio, television, soundtracks and Web-based music distribution systems. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 1032 Rock Ensemble II 1.00 Credits

Prerequisite: Audition required. Open to both instrumentalists (any instruments) and singers, this course is a continuation of Rock Ensemble I and is a more advanced study of commercial music performance. Members should be competent on their instruments and/or voice and have fluency in music reading and knowledge of chord symbols. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 1120 College Band 1.00 Credits

Prerequisite: Audition required. This course is the study and performance of standard band literature. Emphasis is placed on exposure and learning the highest quality literature for winds and percussion through rehearsal and performance. Membership is comprised of SPC Music Majors and community members. (Note: This course may be taken up to 6 times for a total of 6 credits).

MUN 1140 Wind Symphony 1.00 Credits

Prerequisite: Audition required. This course is the study and performance of standard band and wind ensemble literature. Emphasis is placed on exposure and learning the highest quality literature for winds and percussion through rehearsal and performance. Membership is comprised of SPC Music Majors and community members. (Note: Acceptance into this ensemble is highly selective. SPC Music Majors participating in this ensemble must also be enrolled in COLLEGE BAND, MUN 1120. This course may be taken up to 6 times for a total of 6 credits.)

MUN 1210 College Orchestra 1.00 Credits

Prerequisite: Audition required or Permission of the Program. The College Orchestra provides instrumentalists in the College and community an opportunity to perform works representative of a broad spectrum of orchestral literature, refine techniques of ensemble playing, and present concerts each term. (Note: Membership is by permission of the director. Music majors who are string players are required to participate. This course may be taken up to six times for a total of 6 credits.)

MUN 1310 College Chorus 1.00 Credits

Open to all students, non-music majors welcomed. The College Chorus is both a training organization and a performance group. Basic techniques of singing are developed through group and sectional rehearsals. This training and the preparation of works for performance, with the experience inherent in this learning process, take precedence. Basic repertoire and rehearsal techniques, valuable tools in the music profession, are also emphasized. (Note: This course may be taken up to 6 times for a total of 6 credits).

MUN 1340 Madrigalians 1.00 Credits

Pre or Corequisite: MUN 1310 . This course is offered as a select choral performance ensemble to those students who have successfully auditioned for the director. Survey and performance of secular choral music from the sixteenth through the twenty-first centuries will be conducted during the semester. Extensive sight-reading of ensemble literature and frequent performances. Open to all students, non-music majors welcomed. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 1440 Percussion Ensemble 1.00 Credits

Permission of the Program. This course is the study and performance of literature in the percussion medium. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 1441 Hand Drumming Techniques 1.00 Credits

This course is the study and performance of hand drumming in an ensemble environment. Students will study the many stylistic variations, and instrumental utilization, of hand drumming disciplines across cultural boundaries. The student will be required to perform various percussion and hand drumming techniques in several musical genres. (Note: This course may be taken up to 3 times for a total of 3 credits. Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

MUN 1700 Improvisation Ensemble 1.00 Credits

This course is the study and performance of improvisation in a performance environment. Students will be required to improvise music, in several musical genres.

MUN 1710 Jazz Band 1.00 Credits

Prerequisite: Audition required. This course is the study and performance of instrumental ensemble music in the jazz and popular medium. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 1712 Jazz Combo II 1.00 Credits

Prerequisite: Audition required. This course is the study and performance of instrumental and vocal ensemble music in a Jazz Combo setting. Students will be required to play instrumental and vocal music, in several jazz styles.

MUN 1718 Rhythm & Blues Ensemble 1.00 Credits

Prerequisite: Audition required. This course is the study and performance of instrumental ensemble music in the Rhythm and Blues genre. Students will be required to play instrumental and vocal music, in a Rhythm and Blues style. (Note: This course may be taken up to 6 for a total of 6 credits.)

MUN 1810 Steel Drum Ensemble 1.00 Credits

Permission of the Program. This course involves the study and performance of percussion literature for the steel drum. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 2004 Recording Studio Ensemble 1.00 Credits

Prerequisite: Audition required. . This course is the study and performance of ensemble music as it is applied in a recording studio setting. Students will be required to play instrumental and vocal music, in a wide variety of genres, for the purpose of recording by production engineers. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 2022 Laptop and Electronic Arts Ensemble 1.00 Credits

Prerequisite: Audition required. This course explores new combinations of live electronic with acoustic instruments and other media by performing a diverse repertoire of music and new works. (Note: This course may be taken up to 3 times for a total of 3 credits.)

MUN 2719 Rhythm & Blues Ensemble II 1.00 Credits

Prerequisite: Audition required. This course is the advanced level study and performance of instrumental ensemble music in the Rhythm & Blues genre. Students will be required to play instrumental and vocal music, in a Rhythm & Blues style. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUN 2720 Contemporary Vocal Performance Fundamentals 1.00 Credits

In this course students will work on basic live performance skills including microphone technique, stage presence, critical listening, and musicianship through a mixture of performance and observation. This would be the first class in a series that would feed into a Live Performance Techniques class, where students would learn to work with a live band. (Note: This course can be taken up to 2 times for a total of 2 credits.)

MUN 2940 Music Internship Ensemble 1.00 Credits

Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences in music performance which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. (Note: The student must fulfill the requirement of 60 on-the-job hours for each credit earned.)

MUO 1001 Musical Theatre Workshop 1.00 Credits

Prerequisite: Audition required. This is a practical course offering varied experience in the elements of musical theatre. The general repertoire will be surveyed to establish an acquaintance with the literature and one or more works will be produced. A staged

production of scenes from one or more works will be presented. (Note: This course may be taken up to 6 times for a total of 6 credits.)

MUS 1010 Student Recital 0 Credits

Pre or Corequisite: Applied Music and MVK 1311 . This course requires attendance and participation in student recitals. Students will attend a workshop in recital etiquette and protocols. (Note: Students will participate in performance classes in their respective performing area at least once prior to scheduled recitals. Students will be required to attend all and perform in one of four or five scheduled music recitals each session.)

MUS 1360 Digital Audio Workstation, Sound, & Notation Software Fundamentals 3.00 Credits

Pre or Corequisite: MUM 0001 and Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) . This course will introduce students to the applications of the computer as a tool to facilitate musical creativity. Students will become acquainted with Musical Instrument Digital Interface (MIDI) and digital recording technology through projects in sequencing, performing, notating, and printing their work. Students will study notations software applied in composition and arranging assignments.

MUS 1621 Acoustics and Psychoacoustics 3.00 Credits

Admission to: (MIRAS-AS: Music Industry/Recording Arts or AUDIOPE-CT: Audio Production and Engineering) and Prerequisite: MUM 0001 and MUS 1360 and Pre or Corequisite: MUM 2600 . This introductory course is a presentation of modern acoustic and psychoacoustic concepts as they pertain to music recording and production. The topics covered are sound generation, waveform theory, audio perception, electrical grounding concepts, applied acoustical studio design, listening environment analysis, and critical audio technology nomenclature. This course will prepare students for all levels of Music Technology and Recording Techniques.

MUT 1001 Fundamentals Of Music 3.00 Credits

This course will enable students to acquire a thorough working knowledge of the basic rudiments necessary for further study of musical theory and musical performance. This course provides knowledge for future success in Music Theory, Introduction to Music Theory, and Applied Music courses. Students will demonstrate knowledge of rhythmic, melodic, and harmonic fundamentals utilizing music notation and the keyboard. (Program Learning Outcome - PLO)

MUT 1111 Music Theory I 3.00 Credits

Prerequisite: MUT 1001 or Permission of the Program: : and Pre or Corequisite: MUT 1241 . MUT 1111 explores Western Music's fundamental concepts of notation, rhythm, melody, harmony, and counterpoint from a historical standpoint with examples from music history's Medieval, Renaissance, Baroque, Classical, Romantic, and Contemporary eras. Students in MUT 1111 are expected to have completed the prerequisite MUT 1001 Fundamentals of Music course or demonstrate proficient knowledge of MUT 1001 learning outcomes. MUT 1111's circular curriculum approach contains repetition and overlap of some of the objectives present in MUT 1001, with the goal of achieving deeper meaning and fluency of content beyond the cursory knowledge intended in the prerequisite course.

MUT 1112 Music Theory II 3.00 Credits

Prerequisite: MUT 1111 or Permission of the Program and Pre or Corequisite: MUT 1242 . This course is designed as a continuation of Music Theory I, with emphasis on harmonization, voice-leading, and figured bass. Compositional techniques for expanding melodic and harmonic frameworks are investigated through the exploration of phrases, cadences, and applied chords.

MUT 1241 Aural Theory I 1.00 Credits

Prerequisite: MUT 1001 and Pre or Corequisite: MUT 1111 or Permission of the Program. MUT 1241 provides an introduction to ear-training and sight-singing. An activities based course, MUT 1241 develops skills involving the identifying and notating live and recorded music (aural input), and audiation of written rhythms and melodies demonstrated via vocal performance.

MUT 1242 Aural Theory II 1.00 Credits

Prerequisite: MUT 1241 or Permission of the Program and Pre or Corequisite: MUT 1112 . This course is designed as a continuation of Aural Theory I, with emphasis on harmonic progressions, applied chords, and melodic phrases. The student will also learn to perform and aurally identify common melodic embellishments and perform figured bass notation.

MUT 2116 Music Theory III 3.00 Credits

Prerequisite: MUT 1112 or Permission of the Program and Pre or Corequisite: MUT 2246 . This course is designed as a continuation of Music Theory II, with emphasis on expansion of the harmonic vocabulary. The student will learn how color is added to compositions with chromatic resources ranging from modulation to extended chords, modal mixture, and altered chords. Musical form and interpretation are also considered.

MUT 2117 Music Theory IV 3.00 Credits

Prerequisite: MUT 2116 or Permission of the Program and Pre or Corequisite: MUT 2247 . This course is designed as a continuation of Music Theory III, with a spotlight on twentieth century music. The student will learn about modes, scales, and sets. Set theory, serial composition, twelve-tone rows, and post tonal music are explored.

MUT 2246 Aural Theory III 1.00 Credits

Prerequisite: MUT 1242 or Permission of the Program and Pre or Corequisite: MUT 2116 . This course is designed as a continuation of Aural Theory II, with emphasis on harmonic expansion including modulations, chromatic approaches to dominant, and form. The student will also learn to perform and aurally identify chromatic music and asymmetrical meters.

MUT 2247 Aural Theory IV 1.00 Credits

Prerequisite: MUT 2246 or Permission of the Program and Pre or Corequisite: MUT 2117 . This course is designed as a continuation of Aural Theory III, with emphasis on compositional materials of the twentieth century. The student will explore modes, scales, sets, serialism, and twelve-tone rows through guided listening and performance. The student will also learn new ways to organize rhythm, meter, and duration.

MUT 2341L Contemporary Ear Training I 1.00 Credits

Admission to: MIRAS-AS: MUSIC INDUSTRY/RECORDING ARTS Pre or Corequisite: MUT 2341 . Music is a sonic art form and the skill of deep listening is critical for successful commercial musicianship. Students will learn to notate basic rhythms and pitch, and understand the relationships sound and notation. Students will transcribe contemporary music from popular music and jazz sources.

MUT 2341 Contemporary Music Theory I 3.00 Credits

Admission to: MIRAS-AS: Music Industry/Recording Arts and Prerequisite: MUT 1001 . This course is designed to introduce students to the principles of melody, rhythm, and harmony in popular music and jazz from the viewpoint of the contemporary musician. The course provides information that can be immediately applied to composing and arranging music.

MUT 2342 Contemporary Music Theory II 3.00 Credits

Prerequisite: MUT 2341 and Pre or Corequisite: MUT 2342L . This course is a continuation of Contemporary Music Theory and Arranging I and explores skills essential to arranging, harmonizing, and voicing, plus instrumentation, and creation of various types of beats. The course culminates with students creating authentic arrangements for rhythm section and popular music recordings.

MUT 2342L Contemporary Ear Training II 1.00 Credits

Prerequisite: MUT 2341L and Pre or Corequisite: MUT 2342 . This course is a continuation of Contemporary Ear Training I, and the student will learn to notate complex rhythms and pitch, and develop the ability to quickly identify chords and progressions. The student will transcribe large forms from popular music and jazz sources. Music is a sonic art form and the skill of deep listening is critical for successful commercial musicianship.

MVB 1011 Applied Music Enrichment-Trumpet 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1012 Applied Music Enrichment - French Horn 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1013 Applied Music Enrichment - Trombone 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for credit total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1014 Applied Music Enrichment - Baritone Horn 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1015 Applied Music Enrichment- Tuba 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1211 Applied Music Secondary -Trumpet 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and trumpet repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1212 Applied Music Secondary -French Horn 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and French horn repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1213 Applied Music Secondary - Trombone 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and trombone repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1214 Applied Musice Secondary - Baritone Horn 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and baritone horn repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1215 Applied Music Secondary - Tuba 1.00 - 2.00 Credits

Prerequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and tuba repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 1311 Applied Music Principal -Trumpet 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is designed for the music major who has prior private study and whose primary instrument is trumpet. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of trumpet repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 1312 Applied Music Principal -French Horn 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is designed for the music major who has prior private study and whose primary instrument is French horn. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of French horn repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 1313 Applied Music Principal -Trombone 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is designed for the music major who has prior private study and whose primary instrument is Trombone. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of Trombone repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 1314 Applid Music Principal -Baritone Horn 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is designed for the music major who has prior private study and whose primary instrument is baritone horn. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of baritone horn repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 1315 Applied Music Principal Tuba 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is designed for the music major who has prior private study and whose primary instrument is tuba. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of tuba repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 1317 Contemporary Brass Techniques I 2.00 Credits

Prerequisite: Audition required. . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature related to contemporary music styles. (Note: This course may be taken up to 3 times for a total of 6 credits. One-hour lesson per week.)

MVB 1411 Applied Performance Trumpet 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 1412 Applied Horn Performance 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 1413 Applied Trombone Performance 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 1414 Applied Baritone Horn Performance 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 1415 Applied Tuba Performance 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 2021 Applied Music Enrichment - Trumpet 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVB 1011 and is for students in the second year of study who are non-music majors or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2022 Applied Music Enrichment - French Horn 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVB 1012 and is for students in the second year of study who are non-music majors or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2023 Applied Music Enrichment - Trombone 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVB 1013 and is for students in the second year of study who are non-music majors or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2024 Applied Music Enrichment - Baritone Horn 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVB 1014 and is for students in the second year of study who are non-music majors or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2025 Applied Music Enrichment -Tuba 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVB 1015 and is for students in the second year of study who are non-music majors or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2221 Applied Music Secondary -Trumpet 1.00 - 2.00 Credits

Pre or Corequisite: [MUS 1010](#) . Private instruction. This course is a continuation of MVB 1211 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the

development of technique and trumpet repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2222 Applied Music Secondary -French Horn 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVB 1212 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and French horn repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2223 Applied Music Secondary - Trombone 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVB 1213 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and trombone repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2224 Applied Musice Secondary - Baritone Horn 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVB 1214 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and baritone horn repertoire. (Note: This course may be taken u to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2225 Applied Music Secondary -Tuba 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVB 1215 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and tuba repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVB 2321 Applied Music Principal -Trumpet 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is a continuation of MVB 1311 and is designed for the music major who has prior private study and whose primary instrument is trumpet. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of trumpet repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 2322 Applied Music Principal -French Horn 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is a continuation of MVB 1312 and is designed for the music major who has prior private study and whose primary instrument is French horn. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of French horn repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 2323 Applied Music Principal -Trombone 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is a continuation of MVB 1313 and is designed for the music major who has prior private study and whose primary instrument is Trombone. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of Trombone repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 2324 Applied Music Principal -Baritone Horn 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is a continuation of MVB 1314 and is designed for the music major who has prior private study and whose primary instrument is baritone horn. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of baritone horn repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 2325 Applied Music Principal Tuba 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: [MUS 1010](#) and [MUN 1120](#) . This course is a continuation of MVB 1315 and is designed for the music major who has prior private study and whose primary instrument is tuba. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of tuba repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVB 2327 Contemporary Brass Techniques II 2.00 Credits

Prerequisite: Audition required. Private instruction. This course is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to contemporary music styles. (Note: This course may be taken up to 3 times for a total of 6 credits. One-hour lesson per week.)

MVB 2421 Applied Trumpet Performance 3.00 Credits

Pre or Corequisite: [MUS 1010](#) and Prerequisite: Audition required. . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 2422 Applied Horn Performance 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 2423 Applied Trombone Performance 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 2424 Applied Baritone Horn Performance 3.00 Credits

Prerequisite: Audition required. . and Pre or Corequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVB 2425 Applied Tuba Performance 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVJ 1010 Applied Music Enrichment - Jazz Piano 1.00 - 2.00 Credits

Private instruction in jazz piano performance. This course is for students in the first year of study who are non-music majors or taking applied music for enrichment. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVJ 1210 Applied Music Secondary - Jazz Piano 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVJ 1310 Applied Music Principal - Jazz Piano 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and (MUN 1120 or MUN 1310 or MUN 1710) . This course is designed for the music major who has prior private study and whose primary instrument is jazz piano. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the mastery of music literature. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVJ 2020 Applied Music Enrichment - Jazz Piano 1.00 - 2.00 Credits

Private instruction in jazz piano performance. This course is a continuation of MVJ 1010 and is for students in the second year of study who are non-music majors or taking applied music for enrichment. (Note: This course may be taken up to 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.)

MVJ 2220 Applied Music Secondary - Jazz Piano 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction in jazz piano performance. This course is a continuation of MVJ 1210 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and music literature. (Note: This course may be taken up to 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.)

MVJ 2320 Applied Music Principal - Jazz Piano 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1120 or MUN 1310 or MUN 1710) . This course is a continuation of MVJ 1310 and is designed for the music major in the second year of study whose primary instrument is jazz piano. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the mastery of music literature. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVK 1011 Applied Music Enrichment - Piano 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. Students may register for 1 or 2 credits. One half-hour lesson or one hour lesson per week.)

MVK 1013 Applied Music Enrichment Organ 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. Students may register for 1 or 2 credits. One half-hour lesson or one hour lesson per week.)

MVK 1111 Class Piano 1.00 Credits

This course is for beginning piano students meeting in groups of six or more. Emphasis is placed on music reading and elementary techniques.

MVK 1115 Popular Piano Techniques 1.00 - 2.00 Credits

This course is private instruction in contemporary keyboard styles, including pop, rock, jazz, and gospel. Special emphasis is given to stylistic harmonization and improvisation. (Note: One credit is one-half hour lesson per week. Two credits are one hour lesson per week.)

MVK 1211 Applied Music Secondary Piano 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature. (Note: This course may be taken up to 3 times for a total of 6 credits. 1 or 2 credits. One half-hour lesson or one hour lesson per week.)

MVK 1213 Applied Music Secondary - Organ 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature. (Note: This course may be taken up to 3 times for a total of 6 credits. 1 or 2 credits. One half-hour lesson or one hour lesson per week.)

MVK 1215 Contemporary Keyboard Techniques I 2.00 Credits

Prerequisite: Audition required. Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature related to contemporary music styles. (Note: This course may be taken up to 3 times for a total of 6 credits. One-hour lesson per week.)

MVK 1311 Applied Music Principal Piano 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1120 or MUN 1310 and) Prerequisite: Audition required. . This course is designed for the music major who has prior private study and whose primary instrument is piano. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the mastery of music literature. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVK 1313 Applied Music Principal Organ 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1120 or MUN 1310 and) Prerequisite: Audition required. . This course is designed for the music major who has prior private study and whose primary instrument is organ. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the mastery of literature. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVK 1411 Applied Piano Performance 3.00 Credits

Pre or Corequisite: MUS 1010 and Prerequisite: Audition required. . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small audience of peers and piano faculty to promote confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVK 1413 Applied Organ Performance 3.00 Credits

Pre or Corequisite: MUS 1010 and Prerequisite: Audition required. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVK 2021 Applied Music Enrichment - Piano 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVK 1011 and is for students in the second year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVK 2023 Applied Music Enrichment - Organ 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVK 1013 and is for students in the second year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVK 2121 Class Piano II 1.00 Credits

Prerequisite: MVK 1111 . As a continuation of Class Piano I, this course is designed to prepare students to pass minimum piano proficiency requirements in music-major programs. There is special emphasis upon harmonization of melodies, improvisation, and sight reading. (Note: This course may be taken up to 3 times for a total of 3 credits.)

MVK 2125 Popular Piano Techniques II 1.00 - 2.00 Credits

Prerequisite: MVK 1115 . This course offers private instruction in contemporary keyboard styles, including jazz, pop, gospel, and rock at an advanced level. Special emphasis will be given to stylistic harmonization and improvisation. (Note: One credit is one-half hour lesson per week. Two credits is one hour lesson per week.)

MVK 2221 Applied Music Secondary - Piano 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVK 1211 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVK 2223 Applied Music Secondary - Organ 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVK 1213 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVK 2225 Contemporary Keyboard Techniques II 2.00 Credits

Prerequisite: Audition required. . . Private instruction. This course is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to contemporary music styles. (Note: This course may be taken up to 3 times for a total of 6 credits. One-hour lesson per week.)

MVK 2321 Applied Music Principal Piano 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1120 or MUN 1310) . Admission into the course is by audition only. This course is a continuation of MVK 1311 and is designed for the music major who has prior private study and whose primary instrument is piano. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the mastery of music literature. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVK 2323 Applied Music Principal - Organ 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1120 or MUN 1310) . Admission into the course is by audition only. This course is a continuation of MVK 1313 and is designed for the music major who has prior private study and whose primary instrument is organ. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the mastery of literature. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVK 2421 Applied Performance Piano 3.00 Credits

Pre or Corequisite: MUS 1010 and Prerequisite: Audition required. . . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small audience of peers and piano faculty to promote confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVK 2423 Applied Organ Performance 3.00 Credits

Prerequisite: Admission is by audition only. and Pre or Corequisite: MUS 1010 . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, audience, of peers and piano faculty to promote confidence in solo performance. (Note: This course may be taken up to 3 times for a total of 9 credits.)

MVP 1011 Applied Music Enrichment - Percussion 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVP 1211 Applied Music Secondary - Percussion 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVP 1311 Applied Music Principal - Percussion 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is designed for the music major who has prior private study and whose primary instrument is saxophone. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of percussion repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVP 1317 Contemporary Drumkit Technique I 2.00 Credits

Prerequisite: Audition required. . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature related to contemporary music styles. (Note: This course may be taken up to 3 times for a total of 6 credits. One-hour lesson per week.)

MVP 1411 Applied Performance - Percussion 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 4 times for a total of 12 credits.)

MVP 2021 Applied Music Enrichment - Percussion 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVP 1011 and is for students in the second year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVP 2221 Applied Music Secondary - Percussion 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVP 1211 and is for students in the second year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVP 2321 Applied Music Principal - Percussion 2.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 and MUN 1120 . This course is a continuation of MVP 1311 and is designed for the music major who has prior private study and whose primary instrument is saxophone. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of percussion repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVP 2327 Contemporary Drumkit Technique II 2.00 Credits

Prerequisite: Audition required. . Private instruction. This course is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to contemporary music styles. (Note: This course may be taken up to 3 times for a total of 6 credits. One-hour lesson per week.)

MVP 2421 Applied Performance - Percussion 3.00 Credits

Prerequisite: Audition required. and Pre or Corequisite: MUS 1010 . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. (Note: This course may be taken up to 4 times for a total of 12 credits.)

MVS 1011 Applied Music Enrichment Violin 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1012 Applied Music Enrichment Viola 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1013 Applied Music Enrichment Cello 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1014 Applied Music Enrichment String Bass 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1015 Applied Music Enrichment Harp 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1016 Applied Music Enrichment Guitar 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1211 Applied Music Secondary Violin 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and violin repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1212 Applied Music Secondary Viola 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and viola repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1213 Applied Music Secondary Cello 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and cello repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1214 Applied Music Secondary String Bass 1.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and string bass repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1215 Applied Music Secondary Harp 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and harp repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1216 Applied Music Secondary Guitar 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and guitar repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits. One half-hour lesson or one hour lesson per week.)

MVS 1311 Applied Music Principal Violin 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1210 or MUN 1310 and) Audition required. . Admission into the course is by audition only. This course is designed for the music major who has prior private study and whose primary instrument is violin. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of violin repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVS 1312 Applied Music Principal Viola 2.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1210 or MUN 1310 and) Audition required. . Admission into the course is by audition only. This course is designed for the music major who has prior private study and whose primary instrument is viola. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of viola repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVS 1313 Applied Music Principal Cello 2.00 Credits

Pre or Corequisite: MUS 1010 and (MUN 1210 or MUN 1310 and) Audition required. . Admission into the course is by audition only. This course is designed for the music major who has prior private study and whose primary instrument is cello. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of cello repertoire. (Note: This course may be taken up to 3 times for a total of 6 credits.)

MVS 1314 Applied Music Principal String Bass 2.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 (MUN 1210 or MUN 1310) Admission into the course is by audition only . This course is designed for the music major who has prior private study and whose primary instrument is string bass. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of string bass repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 1315 Applied Music Principal Harp 2.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 and a major ensemble (MUN 1210 or MUN 1310) Admission into the course is by audition only. . This course is designed for the music major who has prior private study and whose primary instrument is harp. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of harp repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 1316 Applied Music PrincipalGuitar 2.00 Credits

Pre or Corequisite: MUS 1010 (MUN 1310 MUN 1120 MUN 1210 or MUN 1710) Other: Admission into the course is by audition only. . This course is designed for the music major who has prior private study and whose primary instrument is guitar. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of guitar repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 1317 Electric Bass for Rock, jaxx, Blues & Funk I 2.00 Credits

Prerequisite: Audition required Private instruction. . This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature related to rock, jazz, blues & funk. This course may be taken 3 times for a maximum of 6 credits. One-hour lesson per week. 16 contact hours.

MVS 1318 Contemporary Guitar Techniques I 2.00 Credits

Prerequisite: Audition required. Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature related to contemporary music styles. This course may be taken 3 times for a maximum of 6 credits. One-hour lesson per week. 16 contact hours.

MVS 1411 Applied Violin Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Prerequisite: Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 1412 Applied Viola Performance 3.00 Credits

Pre or Corequisite: MUS 1010 . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performances. This course may be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 1413 Applied Cello Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 1414 Applied String Bass Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission into the course is by audition only . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 1415 Applied Harp Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission into the course is by audition only . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 1416 Applied Guitar Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 2021 Applied Music Enrichment Violin 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVS 1011 and is for students in the second year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2022 Applied Music Enrichment Viola 1.00 - 2.00 Credits

Prerequisite: Private instruction. . This course is a continuation of MVS 1012 and is for students in the second year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2023 Applied Music Enrichment Cello 1.00 - 2.00 Credits

This course is a continuation of MVS 1013 and is for students in the second year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2024 Applied Music Enrichment String Bass 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVS 1014 and is for students in the second year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2025 Applied Music Enrichment Harp 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVS 1015 and is for students in the second year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2026 Applied Music EnrichmentGuitar 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVS 1016 and is for students in the second year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2221 Applied Music Secondary Violin 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVS 1211 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and violin repertoire. This course may be taken 3 times for a maximum of 6 credits. 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2222 Applied Music Secondary Viola 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . This course is a continuation of MVS 1212 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and viola repertoire. This course may be taken 3 times for a maximum of 6 credits. 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2223 Applied Music Secondary Cello 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVS 1213 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and cello repertoire. This course may be taken 3 times for a maximum of 6 credits. 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2224 Applied Music Secondary String Bass 1.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVS 1214 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and string bass repertoire. This course may be taken 3 times for a maximum of 6 credits. 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVS 2225 Applied Music Secondary Harp 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVS 1215 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to a beginning to intermediate approach to the development of technique and harp repertoire. This course may be taken 3 times for a maximum of 6 credits. 1 or 2 credits. One half-hour lesson or one hour lesson per week. 8 or 16 contact hours.

MVS 2226 Applied Music Secondary Guitar 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVS 1216 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and guitar repertoire. This course may be taken 3 times for a maximum of 6 credits. 1 or 2 credits. One half-hour lesson or one hour lesson per week. 8 or 16 contact hours.

MVS 2321 Applied Music Principal Violin 2.00 Credits

This course is a continuation of MVS 1311 and is designed for the music major who has prior private study and whose primary instrument is violin. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development

of technique and (b) the skilled usage of violin repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 2322 Applied Music Principal Viola 2.00 Credits

Pre or Corequisite: MUS 1010 (MUN 1210 or MUN 1310) Admission into the course is by audition only . Admission into the course is by audition only. This course is a continuation of MVS 1312 and is designed for the music major who has prior private study and whose primary instrument is viola. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of viola repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 2323 Applied Music PrincipalCello 2.00 Credits

Pre or Corequisite: MUS 1010 (MUN 1210 or MUN 1310) Prerequisite: Admission into the course is by audition only . Admission into the course is by audition only. This course is a continuation of MVS 1313 and is designed for the music major who has prior private study and whose primary instrument is cello. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of cello repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 2324 Applied Music Principal String Bass 2.00 Credits

Pre or Corequisite: MUS 1010 (MUN 1210 or MUN 1310) Prerequisite: Admission into the course is by audition only . This course is a continuation of MVS 1314 and is designed for the music major who has prior private study and whose primary instrument is string bass. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of string bass repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 2325 Applied Music Principal Harp 2.00 Credits

Pre or Corequisite: MUS 1010 (MUN 1210 or MUN 1310) Admission into the course is by audition only. . This course is a continuation of MVS 1315 and is designed for the music major who has prior private study and whose primary instrument is harp. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of harp repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 2326 Applied Music Principal Guitar 2.00 Credits

Pre or Corequisite: MUS 1010 (MUN 1310 MUN 1120 MUN 1210 or MUN 1710 . Admission into the course is by audition only. This course is a continuation of MVS 1316 and is designed for the music major who has prior private study and whose primary instrument is guitar. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of technique and (b) the skilled usage of guitar repertoire. This course may be taken 3 times for a total of 6 credits. 16 contact hours.

MVS 2327 Electric Bass for Rock, Jaxx, Blues & Funk II 2.00 Credits

Audition Required. Private instruction. This course is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to rock, jazz, blues & funk. This course may be taken 3 times for a maximum of 6 credits. One-hour lesson per week. 16 contact hours.

MVS 2328 Cont. Guitar Techniques II 2.00 Credits

Prerequisite: Audition required. Private instruction. This course is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to contemporary music styles. This course may be taken 3 times for a maximum of 6 credits. One-hour lesson per week. 16 contact hours.

MVS 2421 Applied Violin Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Prerequisite: Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory

class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 2422 Applied Viola Performance 3.00 Credits

Prerequisite: MUS 1010 Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performances. This course may be taken 3 times for a total of 9 credits.

MVS 2423 Applied Cello Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission into the course is by audition only . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits.

MVS 2424 Applied String Bass Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Prerequisite: Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits. 47 contact hours.

MVS 2425 Applied Harp Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Prerequisite: Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits.

MVS 2426 Applied Guitar Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Prerequisite: Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping him/her gain confidence in solo performance. May be taken 3 times for a total of 9 credits.

MVV 1011 Applied Music Voice Enrichment 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of applied vocal study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. One half-hour lesson or one hour lesson per week.

MVV 1111 Class Voice I 1.00 Credits

This course is for singers and instrumentalists with no previous vocal study with a focus on developing a basic foundation. class activities emphasize vocal exercises, posture and breathing, and developing confidence. The class involves both individual and group singing experiences. This course may be taken 3 times for credit.

MVV 1114 Contemporary Class Voice 1.00 Credits

This course is for singers and instrumentalists with no previous experience in vocal studies, with a focus on developing a basic performance foundation in contemporary vocal techniques. Class activities emphasize analysis of styles, vocal exercises, posture, breathing, and developing confidence. The class involves both individual and group singing experiences. This course may be taken 3 times for credit.

MVV 1211 Applied Music Voice Secondary. 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature. This course may be taken 3 times for a total of 6 credits. 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVV 1311 Applied Music Voice Principal 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1310 Prerequisite: Admission into the course is by audition only . This course is designed for the music major with prior vocal study. This course consists of one (1) hour private lesson per week. The private lesson focuses on the development of vocal technique and vocal repertoire. This course may be taken 3 times for a total of 6 credits.

MVV 1317 Contemporary Vocal Style I 1.00 - 2.00 Credits

Prerequisite: MUM 1034 . Private instruction. Audition required. This course is for vocal students in the first year of study in the music industry recording arts program. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to contemporary vocal performance. This course may be taken for a maximum of 4 credits. One half-hour or one-hour lesson per week.

MVV 1411 Applied Voice Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission into the course is by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small audience of peers and voic efaculty to promote confidence in solo performance. May be taken 3 times for a total of 9 credits.

MVV 2021 Applied Voice Enrichment 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVV 1011 and is for students in the second year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. Students may register for 1 or 2 credits. One half-hour lesson or one hour lesson per week.

MVV 2121 Class Voice II 1.00 Credits

Prerequisite: MVV 1111 . This course is a continuation of Class Voice I. May be taken 3 times for credit.

MVV 2221 Applied Music Voice Secondary 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private Instruction. This course is a continuation of MVB 1211 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of vocal technique and the solo vocal literature. This course may be taken 3 times for a maximum of 6 credits. 1 or 2 credits. 8 or 16 contact hours. One half-hour lesson or one hour lesson per week.

MVV 2321 Applied Music Voice Principal 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1310 . This course is a continuation of MVV 1311 and is designed for the music major in the second year of study whose primary instrument is voice. Admission to this level is determined by faculty at the vocal jury. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of vocal technique (b) the solo vocal literature and (c) song presentation. This course may be taken 3 times for a total of 6 credits.

MVV 2327 Contemporary Vocal Style II 1.00 - 2.00 Credits

Prerequisite: [MVV 1317](#) . Audition required. Private instruction. This course is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to contemporary music styles. This course may be taken 3 times for a maximum of 6 credits. One-hour lesson per week. 16 contact hours.

MVV 2421 Applied Voice Performance 3.00 Credits

Pre or Corequisite: Admission into the course is by audition only Prerequisite: [MUS 1010](#) . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on (a) the development of sound technique and (b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small audience of peers and voice faculty to promote confidence in solo performance. May be taken 3 times for a total of 9 credits.

MVW 1011 Applied Music Enrichment - Flute 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1012 Applied Music Enrichment - Oboe 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1013 Applied Music Enrichment - Clarinet 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1014 Applied Music Enrichment - Bassoon 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1015 Applied Music Enrichment - Saxophone 1.00 - 2.00 Credits

Private instruction. This course is for students in the first year of study who are non-music majors, or preparing for music major audition. This course may be taken 3 times for credit for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1211 Applied Music Secondary - Flute 1.00 - 2.00 Credits

Pre or Corequisite: [MUS 1010](#) . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and flute repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1212 Applied Music Secondary - Oboe 1.00 - 2.00 Credits

Pre or Corequisite: [MUS 1010](#) . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and oboe repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1213 Applied Music Secondary - Clarinet 1.00 - 2.00 Credits

Pre or Corequisite: [MUS 1010](#) . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and clarinet repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1214 Applied Music Secondary - Bassoon 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and bassoon repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1215 Applied Music Secondary - Saxophone 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and saxophone repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 1311 Applied Music Principal - Flute 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is designed for the music major who has prior private study and whose primary instrument is flute. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of flute repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 1312 Applied Music Principal - Oboe 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is designed for the music major who has prior private study and whose primary instrument is oboe. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of oboe repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 1313 Applied Music Principal - Clarinet 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is designed for the music major who has prior private study and whose primary instrument is clarinet. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of clarinet repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 1314 Applied Music Principal - Bassoon 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is designed for the music major who has prior private study and whose primary instrument is bassoon. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of bassoon repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 1315 Applied Music Principal - Saxophone 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is designed for the music major who has prior private study and whose primary instrument is saxophone. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of saxophone repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 1317 Contemporary Woodwind Techniques I 2.00 Credits

Prerequisite: Audition required. . Private instruction. This course is for the music major in the first year of study in the secondary performance area. The private lesson focuses on a beginning to intermediate approach to the development of technique and music literature related to contemporary music styles. This course may be taken 3 times for a maximum of 6 credits. One-hour lesson per week.

MVW 1411 Applied Flute Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be repeated 3 times for a total of 9 credits.

MVW 1412 Applied Oboe Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

MVW 1413 Applied Clarinet Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

MVW 1414 Applied Bassoon Performance 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

MVW 1415 Applied Performance Saxophone 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. . . This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

MVW 2021 Applied Music Enrichment - Flute 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVW 1011 and is for students in the second year of study who are non-music majors or preparing for music major audition. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 2022 Applied Music Enrichment - Oboe 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVW 1012 and is for students in the second year of study who are non-music majors or preparing for music major audition. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 2023 Applied Music Enrichment - Clarinet 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVW 1013 and is for students in the second year of study who are non-music majors or preparing for music major audition. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 2024 Applied Music Enrichment - Bassoon 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVW 1014 and is for students in the second year of study who are non-music majors or preparing for music major audition. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 2025 Applied Music Enrichment - Saxophone 1.00 - 2.00 Credits

Private instruction. This course is a continuation of MVW 1015 and is for students in the second year of study who are non-music majors or preparing for music major audition. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week.

MVW 2221 Applied Music Secondary - Flute 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVW 1211 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and flute repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week. 1 or 2 credits.

MVW 2222 Applied Music Secondary - Oboe 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . This course is a continuation of MVW 1212 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and oboe repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week. 1 or 2 credits.

MVW 2223 Applied Music Secondary - Clarinet 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVW 1213 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and clarinet repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week. 1 or 2 credits.

MVW 2224 Applied Music Secondary - Bassoon 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVW 1214 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and bassoon repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week. 1 or 2 credits.

MVW 2225 Applied Music Secondary - Saxophone 1.00 - 2.00 Credits

Pre or Corequisite: MUS 1010 . Private instruction. This course is a continuation of MVW 1215 and is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate approach to the development of technique and saxophone repertoire. This course may be taken 3 times for a maximum of 6 credits. One half-hour lesson or one hour lesson per week. 1 or 2 credits.

MVW 2321 Applied Music Principal - Flute 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is a continuation of MVW 1311 and is designed for the music major who has prior private study and whose primary instrument is flute. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of flute repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 2322 Applied Music Principal - Oboe 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is a continuation of MVW 1312 and is designed for the music major who has prior private study and whose primary instrument is oboe. This course consists of one (1)

hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of oboe repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 2323 Applied Music Principal - Clarinet 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is a continuation of MVW 1313 and is designed for the music major who has prior private study and whose primary instrument is clarinet. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of clarinet repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 2324 Applied Music Principal - Bassoon 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is a continuation of MVW 1314 and is designed for the music major who has prior private study and whose primary instrument is bassoon. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of bassoon repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 2325 Applied Music Principal - Saxophone 2.00 Credits

Pre or Corequisite: MUS 1010 and MUN 1120 Admission to: by audition only. . This course is a continuation of MVW 1315 and is designed for the music major who has prior private study and whose primary instrument is saxophone. This course consists of one (1) hour private lesson per week. The private lesson focuses on (a) the development of sound technique and (b) the skilled usage of saxophone repertoire. This course may be taken 3 times for a total of 6 credits.

MVW 2327 Contemporary Woodwind Techniques II 2.00 Credits

Prerequisite: Audition required. Private instruction. This course is for the music major in the second year of study in the secondary performance area. The private lesson focuses on an intermediate to advanced approach to the development of technique and music literature related to contemporary music styles. This course may be taken 3 times for a maximum of 6 credits. One-hour lesson per week.

MVW 2421 Applied Performance Flute 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. . This course is designed for the performance music major who has prior private study. This course consists of one hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be repeated 3 times for a total of 9 credits.

MVW 2422 Applied Performance Oboe 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

MVW 2423 Applied Performance Clarinet 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

MVW 2424 Applied Performance Bassoon 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson

focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

MVW 2425 Applied Performance Saxophone 3.00 Credits

Pre or Corequisite: MUS 1010 Admission to: by audition only. This course is designed for the performance music major who has prior private study. This course consists of one (1) hour private lesson and one (1) repertory class per week. The private lesson focuses on a) the development of sound technique and b) the mastery of literature. The repertoire class addresses performance issues and will give the individual student an opportunity to perform for a small, non-threatening audience, helping gain confidence in solo performance. This course may be taken 3 times for a total of 9 credits.

NSP 3276 ECG Interpretation for Health Care Professionals 2.00 Credits

Admission to: NURS-BS: Nursing . the BSN program, or Critical Care Certificate, or Emergency Care Certificate. This course focuses on the essential information necessary for the accurate interpretation of basic cardiac rhythms and 12-lead electrocardiograms. A systematic approach is utilized for the interpretation of cardiac rhythms, their underlying hemodynamic significance, and current treatment modalities.

NSP 3289 Special Topics in Gerontological Nursing 2.00 Credits

Admission to: NURS-BS: Nursing or Permission of the Program. This course provides opportunities to explore special topics related to the aging process and care of the aging population in acute care and community settings.

NSP 3477 Communicable Disease Prevention and Control 2.00 Credits

Admission to: NURS-BS: Nursing . This course focuses on prevention and control of infectious diseases with the potential for large public health impact. Topics include the global perspective of infectious disease transmission and the ethics of infection control, prevention, and control of current and potential outbreaks, bioterrorism, and emergency/disaster preparedness.

NSP 3685 End-of-Life Care 2.00 Credits

Admission to: NURS-BS: Nursing or Permission of the Program: : . This course will provide an overview of the issues related to providing end-of-life care. Although end-of-life care emphasizes a team approach, this course will focus on nursing interventions commonly used. Topics to be covered include symptom management including pain control, psycho-social needs of the patient and family, spiritual care, advance directives, and meeting the needs of the caregiver.

NUR 1001C Transition to Professional Nursing 7.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Prerequisite: BSC 2086 and BSC 2086L and Pre or Corequisite: NUR 1060C . This course focuses on role transition from LPN to RN and the knowledge, skills, and attitudes of holistic nursing care of adult clients and childbearing families. Focus is on the continued development of the roles of the nurse through the assimilation and application of theoretical concepts and use of the nursing process in providing care to adult clients and childbearing families who are experiencing commonly recurring actual or potential threats to human wellness-illness continuum. Selected advanced nursing skills are introduced. Emphasis is placed on managing the care of clients who are experiencing alterations in the functional dimensions of health in hospital and/or community settings. The student is expected to be able to manage a select number of clients while continuing to develop other nursing roles. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully pass the course.

NUR 1003C LPN Transition Health Concepts 8.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Pre or Corequisite: NUR 1083 and NUR 1147 . This course focuses on caring for patients with common and uncomplicated physical and mental health problems across the lifespan. Students will apply clinical judgment skills to provide patient-centered care in a variety of settings.

NUR 1021C Nursing I 9.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Prerequisite: BSC 2086 and BSC 2086L and PSY 1012 . This course introduces the knowledge, skills, and attitudes of holistic nursing care. Theory content includes an introduction to understanding a person as a

holistic being, the hospitalized adult patient's responses to actual or potential threats to the human wellness-illness continuum, the registered nurse's roles that affect or alter a client's responses, and an introduction to the helping relationship. Psychomotor skills required of the nurse are introduced and validated. This includes a short didactic for each skill being introduced, a demonstration of the skill, a time for practice with feedback from the instructor, and testing for mastery of the skill. Clinical experiences include hospitals and nursing homes where the student will apply the fundamentals of holistic nursing care. This course contains a number of critical behaviors, including medication administration, which must be performed without error by the end of the course to successfully pass the course.

NUR 1060C Nursing Process/Physical Assessment 2.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Pre or Corequisite: NUR 1001C . This course is a foundation course which introduces the knowledge, skills, and attitudes of holistic nursing and the nursing process. The student will apply all steps of the nursing process with particular emphasis on completing a health history and physical assessment. Clinical reasoning will be fostered through a variety of in-class exercises to promote the analysis of data and the development of a nursing care plan.

NUR 1083 LPN Transition Professional Nursing 1.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Pre or Corequisite: NUR 1003C and NUR 1147 . This course focuses on the transition of the licensed practical nurse to the professional registered nurse, and care coordination with members of the health care team in a variety of settings. Students will be introduced to the importance of quality improvement (QI) and outline the basic skills needed for the Evidence-Based Practice (EBP) and clinical judgement processes.

NUR 1110C Health Concepts I 6.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Pre or Corequisite: NUR 1111 and NUR 1141 and PSY 1012 . This course introduces students to safe, basic adult care, health promotion, and development across the illness-wellness continuum. Students will acquire foundational psychomotor skills, including health assessment, and begin to develop clinical judgment skills in a variety of settings.

NUR 1111 Professional Nursing I 2.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Pre or Corequisite: NUR 1110C and NUR 1141 . This course introduces students to the nursing program's philosophy and core organizing concepts, including the role and scope of practice of the professional nurse. Students will learn the basic principles of therapeutic and healthcare team communication and begin to explore the nursing process as the foundation for safe and appropriate clinical judgment.

NUR 1112 Professional Nursing II 1.00 Credits

Prerequisite: (NUR 1110C and NUR 1111 and NUR 1141 and Pre or Corequisite: NUR 2034C and NUR 1142) Other: Or (Student Group = EWNC and Prerequisite: NUR 2034C and NUR 1142 and Pre or Corequisite: NUR 1148 and (PSY 1012 or PSY 1012H) . This course focuses on the practice of professional nursing and care coordination with members of the health care team in a variety of settings. Students will also be introduced to the importance of quality improvement (QI) and outline the basic Evidence-Based Practice (EBP) Process.

NUR 1113 Professional Nursing III 1.00 Credits

Prerequisite: (NUR 2034C and NUR 1112 and NUR 1142 Pre or Corequisite: NUR 2035C and NUR 1148) or Other: (Student Group = EWNC and Prerequisite: NUR 2035C and Pre or Corequisite: NUR 2205C and NUR 1149) . This course helps prepare students to transition into professional nursing practice. Students will focus on quality improvement and management of care concepts, including leadership and prioritization for groups of patients. Concepts of case management will be presented to ensure continuity of care for patients and families across health care settings.

NUR 1141 Pharmacology I 2.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Pre or Corequisite: NUR 1110C and NUR 1111 . This course introduces the student to the concepts of pharmacology and basic medication administration with a focus on safety. Students will be introduced to dimensional analysis and basic math calculations essential to nursing practice. Common drugs used for adult care to meet basic needs will be discussed.

NUR 1142 Pharmacology II 1.00 Credits

Prerequisite: (NUR 1110C and NUR 1111 and NUR 1141 and Pre or Corequisite: NUR 2034C and NUR 1112) Permission of the Program: Or (Student Group = EWNC and Pre or Corequisite: NUR 2034C and PSY 1012 or PSY 1012H) . This course focuses on nursing implications for medications that treat common and uncomplicated physical and mental health problems with an emphasis on medication safety. Students will apply dimensional analysis and math calculations essential for medication administration to patients across the lifespan.

NUR 1147 LPN Transition Pharmacology 2.00 Credits

Admission to: NURSE-AS: Nursing (R.N.) and Pre or Corequisite: NUR 1003C and NUR 1083 . This course focuses on nursing implications for medications that treat common and uncomplicated physical and mental health problems with an emphasis on medication safety. Students will apply dimensional analysis and math calculations essential for medication administration to patients across the lifespan.

NUR 1148 Pharmacology III 1.00 Credits

Prerequisite: (NUR 2034C and NUR 1112 and NUR 1142 and Pre or Corequisite: NUR 2035C and NUR 1113 and HUM 1020) or Other: Student Group = EWNC and Prerequisite: NUR 2034C and NUR 1142 and Pre or Corequisite: NUR 1112) . This course focuses on nursing implications for medications that treat complex health issues across the lifespan with an emphasis on safe, evidence-based administration practices.

NUR 1149 Pharmacology IV 1.00 Credits

Prerequisite: (NUR 2035C and NUR 1148 and NUR 1113 and Pre or Corequisite: NUR 2205C and NUR 2940C) or Other: (Student Group = EWNC and Prerequisite: NUR 2035C and Pre or Corequisite: NUR 2205C and NUR 1113 and (PSY 1012 or PSY 1012H) and (PHI 1600 or PHI 1600H) . This course focuses on evidence-based nursing implications for medications that are used for adult patients with multi-system and emergent health problems with an emphasis on safe administration and appropriate monitoring.

NUR 1211C Nursing II 10.00 Credits

Prerequisite: NUR 1021C and Pre or Corequisite: NUR 1142 . This course provides opportunities to learn and apply the principles related to the holistic nursing care of adult clients and childbearing families. Focus is on application of the theoretical concepts and use of the nursing process in providing care to adult clients and childbearing families who are experiencing commonly recurring actual or potential threats to human wellness-illness continuum. Emphasis is placed on managing the care of clients who are experiencing alterations in the functional dimensions of health in both hospital and community settings. The student is expected to be able to manage a select number of hospitalized clients while continuing to develop other nursing roles. Selected advanced nursing skills are introduced. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully pass the course.

NUR 2034C Health Concepts II 9.00 Credits

Prerequisite: (NUR 1110C and NUR 1111 and NUR 1141 and Pre or Corequisite: NUR 1112 and NUR 1142 and PHI 1600) Permission of the Program: Or (Student Group = EWNC and Prerequisite: NUR 1110C and NUR 1111 and NUR 1141 and Pre or Corequisite: NUR 1142) . This course focuses on caring for patients with common and uncomplicated physical and mental health problems across the lifespan. Students will apply clinical judgment skills to provide patient-centered care in a variety of settings.

NUR 2035C Health Concepts III 9.00 Credits

Prerequisite: (NUR 2034C and NUR 1112 and NUR 1142 and Pre or Corequisite: NUR 1148 and NUR 1113 and HUM 1020) or Prerequisite: (NUR 1003C and NUR 1083 and NUR 1147) or Other: (Student Group = EWNC and Prerequisite: NUR 1112 and NUR 1148 and PSY 1012 and Pre or Corequisite: PHI 1600 or PHI 1600H) . This course focuses on providing safe, evidence-based care for patients with complex physical and mental health problems across the lifespan. Students will use clinical judgment skills to provide collaborative, patient-centered care in a variety of settings.

NUR 2205C Health Concepts IV 6.00 Credits

Prerequisite: (NUR 2035C and NUR 1113 and NUR 1148 and Pre or Corequisite: NUR 1149 and NUR 2940C) or Other: (Student Group = EWNC and Prerequisite: NUR 2035C and Pre or Corequisite: NUR 1113 and NUR 1149 and (PSY 1012 and PSY 1012H) and

Prerequisite: (PHI 1600 or Pre or Corequisite: PHI 1600H) . This course focuses on providing safe, collaborative, evidence-based care for adult patients with multi-system and emergent health problems. Students will be introduced to disaster preparedness including triage and mass casualty management.

NUR 2462C Nursing III 9.00 Credits

Prerequisite: NUR 1211C and NUR 1142 or NUR 1001C and NUR 1060C and Pre or Corequisite: NUR 2511C . This course provides opportunities to learn and apply the concepts and principles related to the nursing care of pediatric clients, child-rearing families, and adult clients experiencing complex alterations in the functional dimensions of health. Focus is on continued development of the roles of the nurse through the assimilation and application of theoretical concepts and the use of the nursing process in providing care to pediatric clients, child-rearing families, and adult clients. Emphasis is on actual or potential threats to the human wellness-illness continuum. Selected advanced nursing skills are introduced and previous nursing skills must be adapted for use in the treatment of children. Management of the nursing care of pediatric clients, child-rearing families, and adult clients in both hospital and community settings is emphasized. A variety of clinical and community settings are used to further develop nursing roles. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully complete this course.

NUR 2511C Psychosocial Nursing 1.00 Credits

Prerequisite: NUR 1211C and NUR 1142 or NUR 1001C and Pre or Corequisite: NUR 2462C . This course presents principles and practices related to the holistic nursing care of clients and their families across the life span. The course focuses on the continued development of the nursing process and builds on psychosocial concepts. Concepts in this course include the helping relationship, family dynamics, crisis intervention and specific nursing therapies related to various psychosocial needs of clients and families in all nursing settings. This course contains a number of critical behaviors, including medication administration, which must be performed without error by the end of the course to successfully complete this course.

NUR 2731C Nursing IV 8.00 Credits

Prerequisite: NUR 2462C and NUR 2511C and (MCB 2010 and MCB 2010L or MCB 2010CH) and STA 2023 and Pre or Corequisite: NUR 2813 and Prerequisite: any approved Ethics course . This course focuses on assimilation and synthesis of the concepts and principles of holistic nursing therapy related to the care of a group of clients experiencing complex or potentially life threatening problems. Holistic care of the chronically, critically and terminally ill clients of various ages throughout the life span and their significant others in the hospital setting and is adapted to the care of clients in community based health care settings is emphasized. Clinical experiences take place in hospitals and community settings. Selected advanced nursing skills are introduced, including but not limited to administration of intravenous medications (IV push) and blood transfusions. Demonstration of roles and competencies of the associate degree graduate nurse at entry level are expected. This course contains a number of critical behaviors, including medication administration, that must be performed without error by the end of the course to successfully pass the course.

NUR 2811C Nursing Care Management Practicum 3.00 Credits

Prerequisite: NUR 2731C . The focus is on application of holistic nursing concepts and principles related to care of a group of patients with potentially life threatening problems. Clinical experiences may take place in hospitals or a variety of community settings. Demonstration of roles and competencies of the associate degree graduate nurse at entry level are expected. This course is essential for the successful transition from the role of student nurse to that of graduate nurse/registered nurse. This course contains a number of critical behaviors, including medication administration and all aspects of client safety, that must be performed without error by the end of the course to successfully pass the course. There will be 135 clinical hours over 3.5 weeks. The student will be placed with a Registered Nurse Preceptor and the student's clinical schedule will match the preceptor's schedule.

NUR 2813 Role Transition in Nursing 1.00 Credits

Pre or Corequisite: NUR 2731C . This course facilitates the transition from student nurse to professional nurse. The course includes the concepts of success in the following areas: National Council of Licensing Examiners (NCLEX), job search, dealing with reality shock in the workplace, management of workplace issues, resolution of legal/ethical/diversity issues, delegation, conflict resolution, and reduction of nursing practice errors.

NUR 2940C Practicum 3.00 Credits

Prerequisite: (NUR 2035C and NUR 1113 and NUR 1148 and Pre or Corequisite: NUR 2205C and NUR 1149) or Other: (Student Group = EWNC and Prerequisite: NUR 2205C and Pre or Corequisite: NUR 1113 and Prerequisite: NUR 1149 and Pre or Corequisite: HUM 1020) . This clinical course focuses on the application of clinical judgment in the management of care of adult patients with an emphasis on collaboration, delegation, and professionalism for transition into nursing practice.

NUR 3066 Health Assessment and Physical Appraisal 3.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 . This course focuses on client assessment, health risks and formation of nursing diagnoses and health teaching. Emphasis is on the process of client interaction and use of appraisal skills in the collection of bio-psychosocial data across the life span.

NUR 3125 Pathophysiology 3.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 . This course focuses on cellular alterations in organ systems as they relate to selected disease states that impact the health of people as holistic beings. Special emphasis is on critical thinking and decision making related to these alterations in homeodynamic balance, their presentation and implications for nursing practice.

NUR 3145 Pharmacology in Nursing Practice 2.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 . This course builds on essential concepts and principles of pharmacology as applied in the nursing management of client care. Major concerns in health care include medication errors and medication reconciliation. Improvement in delivery processes to improve safety and quality of care thereby improving client outcomes is the focus of many regulatory agencies. This course will highlight issues in pharmacology and provide the student with basic knowledge for client care and education. This course will specifically address aspects of pharmacology related to the assessment and management of symptoms across the lifespan by providing the student with the in depth knowledge regarding the administration of pharmacologic therapies, the management of physical and psychological symptoms related to disease and treatment, and education related to safe and effective use of pharmacologic agents.

NUR 3178 Complementary/Integrative Health and Therapies 2.00 Credits

Admission to: NURS-BS: Nursing or Prerequisite: permission of the Dean. . This elective course consists of an overview of the field of Complementary/Integrative Health that explores health and healing as related to the physical, mental, emotional and spiritual levels of consciousness and reviews current therapies in the field. The focus is to expand one's awareness of integrative ideas and approaches for healing and to explore evidence for their effectiveness. Topics vary according to instructor and student interest.

NUR 3655 Nursing in a Multicultural Society 3.00 Credits

Admission to: NURS-BS: Nursing or NURSE-AS: Nursing (R.N.) . This course provides the student with an overview of the influence and impact of culture on health care practices and in the delivery of nursing care for individuals, groups, and communities. The student explores and reflects upon their own personal values and cultural beliefs related to health and health care delivery while examining client behaviors, cultural perspectives, and barriers to transcultural communication.

NUR 3805 Professional Roles and Dimensions of Nursing Practice 3.00 Credits

Admission to: NURS-BS: Nursing . This course encompasses an introduction to the history, trends, issues, and evolution of the nursing profession. The course includes an overview of selected nursing theorists and professional nursing practice in the changing health care delivery system. Opportunities will be presented that provide for the development of further socialization into the professional role of nursing.

NUR 3826 Legal & Ethical Aspects of Nursing 3.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 . This course is an assessment of ethical and legal issues confronting nurses and other health care providers during provision of patient care and in the workplace. The course focuses on identification and application of legal and ethical concepts, and principles underlying critical thinking and ethical decision making in nursing and health care.

NUR 3874 Informatics and Clinical Reasoning 3.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 . This course presents principles of information literacy and discusses the use of health information technologies to maximize patient care outcomes. Real-life challenges in the professional nursing practice are analyzed using logical and critical thought processes. Students explore ways to manage information, and apply reason and judgment to reach attainable solutions in varied situations.

NUR 3905 Independent Study in Nursing 1.00 - 3.00 Credits

Prerequisite: Permission of the Dean. . This course may be taken to satisfy nursing elective credits required for graduation. It provides an opportunity for an individual or small group of students to systematically investigate, under faculty guidance, selected topics relevant to the health needs of individuals or groups. It may involve a case study or other project that provides an opportunity for increasing breadth or depth of knowledge or skill.

NUR 4169 Evidence-Based Research Utilization 3.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 . This course involves an exploration and integration of current scientific evidence, use of clinical judgment, identification of patient preferences, and assessment of available resources as the conceptual elements used to promote clinical practice decision making. This course explores the concepts of critical analysis and outcomes research, emphasizing the elements of evidence based nursing practice. Focus is placed on utilization of research in clinical nursing practice, and the student will examine and plan a resolution of a clinical nursing problem. Credit is not given for both NUR 4165 and NUR 4169.

NUR 4606 Nursing of the Family 3.00 Credits

Admission to: NURS-BS: Nursing or NURSE-AS: Nursing (R.N.) . This course focuses on the nurse's role in managing the holistic health care of individuals and families with bio-psychosocial disruptions. Emphasis is on the nursing process and principles from nursing, physical and behavioral sciences. The course is intended to develop and enhance knowledge necessary for the promotion of client/family well-being throughout the life span.

NUR 4636L Community Health Nursing Practicum 4.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 and NUR 4636 . This course offers opportunities to practice the principles and theory of community health nursing in a community setting. Included are the identification of health care needs of the community as a client and the nurse's role as a facilitator, teacher, and evaluator in promoting and maintaining health and wellness.

NUR 4636 Community Health Nursing Theory 3.00 Credits

Admission to: NURS-BS: Nursing and Pre or Corequisite: NUR 3805 . This course focuses on the holistic nursing role in the community. The emphasis is on theoretical understanding of concepts related to community health nursing and public health nursing. These two concepts overlap, yet have distinguishing characteristics. The course will explore identifying health needs of the community and creating a health promotion education resource to address an identified need.

NUR 4835L Leadership Practicum 4.00 Credits

Prerequisite: NUR 3805 and NUR 4835 . This course focuses on the application of the theories, concepts, and principles of leading and managing in the healthcare setting. Emphasis in the course will be on the development of skills needed for effective leadership and management. Opportunities will be provided to demonstrate appropriate introductory leadership and management ability in collaboration with a bachelors-prepared nurse leader in a healthcare agency.

NUR 4835 Leadership Theory 3.00 Credits

Pre or Corequisite: NUR 4835L and Prerequisite: NUR 3805 . This course includes a focus on theories, concepts, and principles of leading and managing faced by nursing leaders and managers. Emphasis will be on the methods used to become an effective leader/manager including interpersonal skills needed for effective leadership and management, the different types of organizations delivering health care, outcomes management, and analysis of current research findings.

OCB 1000C Biology of Marine Life 3.00 Credits

Prerequisite: [ENC 0025](#) and [REA 0017](#) and [MAT 0028](#) or [EAP 1695](#) and appropriate score on the college placement test. . This course is designed to provide the non-science major student with an understanding of basic biological principles using marine organisms as examples. The focus is on functional interactions at the cellular, organismal and community levels. The laboratory component will apply concepts through direct observations and experiments using the diversity of organisms in and from our local marine environment.

OCE 2001 Introduction to Oceanography 3.00 Credits

Prerequisite: ([ENC 0025](#) and [REA 0017](#) and [MAT 0028](#) or) ([EAP 1695](#) and [MAT 0028](#)) . This course is a study of the ocean and a survey of basic principles and procedures of physical, biological, chemical and geological oceanography.

OCE 2001L Oceanography Laboratory 1.00 Credits

Prerequisite: [OCE 2001](#) . This laboratory course introduces the student to basic principles of physical, geological, chemical, and biological oceanography. Topics will include the analysis of ocean basin features, properties of seawater, the physical properties driving ocean currents, identification of marine organisms, and other related items. This laboratory will include field trips

PAD 3034 Survey of Public Policy 3.00 Credits

Admission to: [PSA-BAS: Public Safety Administration](#) or Public Policy and Administration BS program . This course will provide the student broad exposure to public policy issues. Emphasis will be placed on determining public need and providing service delivery through program research and community input supported by budgeting and funding. Learning will be directed toward total service delivery models involving multidisciplinary approaches.

PAD 3311 Program Planning & Evaluation 3.00 Credits

Admission to: [PSA-BAS: Public Safety Administration](#) . This course examines training and education in a changing workplace and workforce from a systematic perspective. The student will learn how to improve individual, team, and organizational effectiveness by understanding how to design successful training interventions and learning experiences that can impart knowledge, skills, and attitudes to learners in the workplace. 47 contact hours.

PAD 3330 Urban and Regional Planning 3.00 Credits

Admission to: [PPA-BS: Public Policy and Administration](#) . This course provides a basic foundation into the principles of planning practices that imply and include the potential variations of substance as related to local government planning. Emphasis is placed on social, economic and housing planning and its relationship to conceptual frameworks, research perspectives, practical and political considerations, and public policy to include its origin, interpretation and implementation. Course content is guided by an understanding that community growth, and the inevitable changes associated with growth, are no longer accepted without challenge.

PAD 3820 Foundations of Public Safety Administration 3.00 Credits

Admission to: [PSA-BAS: Public Safety Administration](#) . This course is presented as an overview of the primary aspects of public safety administration. Major administrative, managerial and leadership components of public safety organizations will be examined. Also addressed will be administrative concerns for special issues and challenges, such as coordinated public safety approaches, post-9/11 administrative worldviews, ethical foundations, critical thinking and analysis, and innovative solutions for pragmatic public safety problems. The course will also provide the student with a framework for individual progress. This will include an initial supervisor/leadership/management skills assessment; the beginning development of an individualized development plan toward educational and career goals, with a personal portfolio; and preliminary planning to link continuous learning with the Capstone course at the end of the program.

PAD 3874 Community Relations Theory and Practice 3.00 Credits

Admission to: [PSA-BAS: Public Safety Administration](#) or [EDST-BS: Educational Studies and Community Leadership](#) . This course will expose the student to community relations theory and practice within a broad range of public safety organizations. Students will understand why positive community perception of public safety is critical to funding and operational effectiveness. Each student will gain the insight and skills necessary to be effective in the community relations function of public safety administration.

PAD 4014 Political & Socio-Economic Impact of Gangs 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or GI-CT: GANG INVESTIGATIONS or . This course introduces the student to the interrelationship of gangs, public policy, political decision-making, and the social and economic ramifications. The course focuses on contemporary gang issues, public policy paradigms, national social and economic trends, and the impact of gang activity in the community.

PAD 4046 Managing Conflict in Public Organizations 3.00 Credits

Prerequisite: PAD 3820 and Admission to: PSA-BAS: Public Safety Administration . This course will examine the various conflict situations in public organizations to include how values and ethics influence the behavior of administrators in making decisions that affect the philosophy and goals of the organization. In addition, focus will be placed on the role of administrators as conflict managers by examining and providing various conflict resolution mechanisms and strategies that are cost-effective to the organization.

PAD 4204 Public Finance 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or PPA-BS: Public Policy and Administration . This course will provide the student with a firm understanding of all elements of public finance, from budget development to finance management, and from procurement to accounting and auditing. In addition, the course will explore alternative sources of public safety funding available to local government entities. A key component of the course will be the student's preparation and presentation of a budget for a model city.

PAD 4232 Grant Administration & Resource Development 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or Gangs Enforcement Management Certificate or HSA-BAS: Health Services Administration or PPA-BS: Public Policy and Administration or EDST-BS: Educational Studies and Community Leadership or DENH-BAS: Dental Hygiene or MGTORG-BAS: Management and Organizational Leadership or SUSMGT-BAS: Sustainability Management . This course will explore and analyze the proposal-writing role in the resource development process. The student will be introduced to several concepts including researching alternative resources and funding opportunities, proposal writing, implementing and managing grants, developing community partnerships and collaborations, and becoming knowledgeable in policies and procedures related to public entities.

PAD 4332 Strategic and Operational Planning 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or Permission of the Program. This course is an examination of strategic planning in public and nonprofit organizations. The student will learn how strategic planning can guide and strengthen the effectiveness of an organization's performance. The ten step Strategy Change Cycle is introduced as an effective planning approach to accomplish strategic and operational planning in organizations.

PAD 4393 Critical Incident Management 3.00 Credits

Prerequisite: PAD 3820 and Admission to: PSA-BAS: Public Safety Administration or EAM-ATC: Emergency Management . This course examines disaster planning and emergency management. The course focuses on the four phases of planning, mitigation, response, and preparedness. The course includes FEMA and federal government NIMS ICS-700, and ICS 800 certifications.

PAD 4603 Administrative Law 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration or PPA-BS: Public Policy and Administration . This course will examine the workings of Administrative Agencies with an emphasis on their power to make and enforce rules along with their power to investigate and adjudicate alleged violations. Particular focus will be placed on the means by which government administrators interact with these agencies. In addition to understanding the role of administrative agencies, the course will focus on using research skills to examine the constantly-changing rules that are promulgated by administrative agencies.

PAD 4878 Public Safety Administration Capstone 3.00 Credits

Admission to: PSA-BAS: Public Safety Administration and Prerequisite: Permission of the program . This course will afford the student an opportunity to observe and use analytical knowledge and research skills to define and confront a problem encountered

by today's public safety administrators. The student will complete a project dealing with a current public safety issue and make recommendations for implementation of a solution. This course will foster implementation strategies concluding in a process of promoting efficient and effective management in a public safety agency or the student's chosen field of study. This course will examine the outcome of each student's individualized leadership plan toward educational and career goals with a personal portfolio developed in the course Foundations of Public Safety Administration course to ensure attainment of program goals.

PCB 2061C Applied Genetics 3.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH) . This course introduces the concepts and mechanisms associated with the transmission of heritable information including Mendelian genetic analysis, modern molecular genetic analysis and regulation of gene expression. The aim of this course is to provide students with a foundation for understanding the current genetic advances in regards to their application to current methods in biotechnology. Quantitative genetic analyses, genomics, and the genetic basis of disease will be explored.

PCB 3023 Cell Biology 3.00 Credits

Pre or Corequisite: PCB 3023L and Prerequisite: PCB 3043 and PCB 3043L and CHM 2210 and CHM 2210L and (BSC 2010 and BSC 2010L) or BSC 2010CH) . This course is a study of cell structure and function with emphasis on the properties of intracellular organelles. This course is concerned primarily with eukaryotic cells. Lectures are devoted to structural details and the molecular functions of the different sub-cellular components. Topics covered include exocytosis, endocytosis, membrane transport and the role of the cytoskeleton in this process, protein targeting, organelle function, organelle structure and organelle biosynthesis, protein sorting, motility, and cell-to-cell interactions. Lectures will also introduce the topics of signal transduction and cellular functions that are required for cell growth and programmed cell death, as well as how perturbations in these processes can result in human diseases. (Note: Credit is not given for both (PCB 3023C) and (PCB 3023/PCB 3023L).

PCB 3023L Cell Biology Laboratory 1.00 Credits

Pre or Corequisite: PCB 3023 and Prerequisite: CHM 2210 and CHM 2210L and (BSC 2010 and BSC 2010L) or BSC 2010CH And (PCB 3043 and PCB 3043L) . This laboratory course will consist of experiments that teach and apply fundamental techniques used in cell biology such as isolation and study of cellular organelles, sub-cellular fractionation, protein isolation, detection and activity. (Note: Credit is not given for (PCB 3023 and PCB 3023L) and (PCB 3023C).

PCB 3043 Ecology 3.00 Credits

Prerequisite: BSC 2011 and BSC 2011L and Pre or Corequisite: PCB 3043L and BSC 3017 . This course is designed to teach ecology at four major levels: organismic, population, community and ecosystem. One of the aims is to interrelate the different levels of ecological study and to unify these via evolutionary and behavioral ecology. A second aim is to correlate the concepts of ecology with those learned in physiology to understand physiological ecology. This course will address both theoretical and empirical ecology as well as applied ecology with special emphasis on Florida's ecosystems and human impacts on them. NOTE: Credit is not given for both (PCB 3043C) and (PCB 3043/PCB 3043L).

PCB 3043L Ecology Lab 1.00 Credits

Prerequisite: BSC 2011 and BSC 2011L and Pre or Corequisite: PCB 3043 and BSC 3017 . This course is designed to teach ecology at four major levels: organismic, population, community and ecosystem. One of the aims is to interrelate the different levels of ecological study and to unify these via evolutionary and behavioral ecology. A second aim is to correlate the concepts of ecology with those learned in physiology to understand physiological ecology. This course will address both theoretical and empirical ecology as well as applied ecology with special emphasis on Florida's ecosystems and human impacts on them. NOTE: Credit is not given for both (PCB 3043C) and (PCB 3043/PCB3043L).

PCB 3063 Genetics 3.00 Credits

Prerequisite: BSC 2010CH or (BSC 2010 and BSC 2010L) and CHM 2046 and CHM 2046L and Pre or Corequisite: PCB 3063L . This course is designed to teach three major areas of genetics: the organization and transmission of genetic material, the molecular biology of gene expression and regulation, and the modification and evolution of genes and genomes. This course also provides an understanding of the history and process of genetics as an experimental science and to provide the student with a foundation for understanding the current advances and rapid changes in genetic engineering and genomics. NOTE: Credit is not given for both (PCB 3063C) and (PCB 3063/PCB 3063L).

PCB 3063L Genetics Lab 1.00 Credits

Prerequisite: BSC 2010CH or (BSC 2010 and BSC 2010L) and CHM 2046 and CHM 2046L and Pre or Corequisite: PCB 3063 . This course is designed to teach three major areas of genetics: the organization and transmission of genetic material, the molecular biology of gene expression and regulation, and the modification and evolution of genes and genomes. This course provides an understanding of the history and process of genetics as an experimental science as well as a foundation for understanding the current advances and rapid changes in the field of genetic engineering and genomics. (Note: Credit is not given for both (PCB 3063C) and (PCB 3063/PCB3063L)).

PCB 4024 Molecular Biology 3.00 Credits

Prerequisite: CHM 2046 and PCB 3063 and PCB 3063L . This course provides a detailed overview of the molecular basis of the biological processes involved in cellular function with emphasis on the activities of DNA, RNA, and the regulation of gene expression. Course content focuses on the processes of transcription, translation and DNA replication in both prokaryotes and eukaryotes. This course emphasizes the control mechanisms that influence these cellular activities. Additional topics include post-transcriptional control of gene expression, mobile genetic elements, functional genomics, proteomics and bioinformatics. This course will include discussion sessions and problem solving of experimental data that teach interpretation of current molecular biological techniques.

PCB 4233 Immunology 3.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) (MCB 3020 and MCB 3020L or PCB 3023 and PCB 3023L) . This course teaches the fundamentals and functions of the immune system. The role of the immune system in health and disease is a vital component of life and investigations into this system introduce the student to the organs, tissues, cells, and molecules of the immune system and their relationship to disease. The immune system involves complex interactions between blood cells, chemical signals, cellular signals, genetics, and foreign ¿invaders¿ which allow us to merge concepts from biology, microbiology, biochemistry and genetics.

PCB 4253C Developmental Biology with Lab 4.00 Credits

Prerequisite: PCB 3063 and PCB 3063L . PCB 3023C is recommended prior to this course. The course focuses on the molecular mechanisms underlying patterns of embryonic development. Emphasis will be based on the experimental approaches taken to understand development using cellular and molecular mechanisms rather than descriptive embryology. Course content will cover fertilization, axis formation, cell specification, germ layer formation, differential gene expression and organogenesis. In addition, current topics will be discussed, including by not limited to: development and disease, aging and regeneration, stem cell biology as well as environmental and evolutionary developmental mechanisms. Developmental biology is interdisciplinary, incorporating all aspects of the biological sciences and can be thought of as a capstone course in undergraduate education. This course is a combined lecture and lab class. The lab component helps students to understand the scientific process and to develop skills in observation, description, data analysis, basic statistics, literature review and evaluation, and writing.

PCB 4363C Physiological Ecology 4.00 Credits

Prerequisite: BSC 2011 and BSC 2011L and PCB 3043 and PCB 3043L . The aim of physiological ecology is to understand physiological systems in context of evolution and ecology. Physiological ecology considers questions such as "how does an organism's physiology enable or constrain its ecology?" and "via what mechanisms do physiological adaptations affect the evolutionary fitness or organisms" This course will examine how physiological systems that span levels from molecules to cells to whole organisms interact with exogenous factors such as evolution, ecology, and the environment. In addition, this course will investigate the biomechanical and evolutionary limits of these physiological systems. This course is a combined lecture and lab class.

PCB 4454C Biostatistics with Lab 4.00 Credits

Prerequisite: STA 2023 or MAC 2234 or Other: Permission of the Instructor . This course is designed to provide the use of statistics in the analysis of biological data. Quality statistical analyses begin with quality data, so early topics cover the collection and processing of data as well as the calculation of descriptive summary statistics. Subsequent lectures will focus on the linkage between statistical analyses and the scientific method, especially in terms of developing and testing appropriate hypotheses. The remainder of the course involves a discussion of various routine techniques used to analyze biological data, including t-tests,

analysis of variance (ANOVA), and linear regression. This course is a combined lecture and lab class, and the lab component involves hands-on analyses of real-world biological data using common statistical analysis software. At the completion of the course students will have sufficient understanding of basic statistical techniques to analyze data from their own undergraduate research studies.

PCB 4674 Evolutionary Biology 3.00 Credits

Prerequisite: (PCB 3043 and PCB 3043L) and (PCB 3063 and PCB 3063L) . This lecture course is designed to teach the mechanisms of evolutionary change and the resulting patterns of microevolution, speciation and macroevolution. Students explore the sources of genetic variation, evo-devo, and their roles in evolution. Students will investigate evidence of evolution and the relevance of evolution throughout biological disciplines. The course will emphasize the environmental pressures that drive adaptation and will investigate the molecular, morphological, physiological, behavioral and demographic adaptations resulting from specific environmental pressures.

PCB 4723 Comparative Physiology 3.00 Credits

Pre or Corequisite: PCB 4723L Prerequisite: And (PCB 3043 and PCB 3043L) And (PCB 3063 and PCB 3063L) . This course is designed to teach animal physiology from a comparative perspective that focuses on the interplay between environmental conditions and physiological adaptation and highlights the many similarities and differences seen among different types of organisms. It also stresses the significance of homeostasis and addresses the interdependency between structure and function. This course emphasizes an interdisciplinary approach in which concepts from physics and chemistry are merged with concepts from biology. (Note: Credit is only given for (PCB 4723C) or (PCB 4723/PCB 4723L)).

PCB 4723L Comparative Physiology Lab 1.00 Credits

Pre or Corequisite: (PCB 4723) and Prerequisite: (PCB 3043 and PCB 3043L) and (PCB 3063 and PCB 3063L) . This course is designed to teach animal physiology from a comparative perspective that focuses on the interplay between environmental conditions and physiological adaptation and highlights the many similarities and differences seen among different types of organisms. It also stresses the significance of homeostasis and addresses the interdependency between structure and function. (Note: Credit is only given for either (PCB 4723C) or (PCB 4723/PCB 4723L)).

PCO 1202 DANTES Fund Counseling 3.00 Credits

Minimum score of 48

PEM 1102 Basic Conditioning 1.00 Credits

This course is an instruction in principles of weight training and aerobic exercise. The emphasis is on muscular strength development and cardiovascular endurance. The course can be taken twice for credit.

PEM 1177 Pilates Plus 1.00 Credits

This course covers three modalities of wellness: Pilates, kickboxing and resistance work. The main concentration will be on Pilates. The Pilates method emphasizes the core, building the abs, the lower back and buttocks to enhance muscle balance. Pilates improves coordination, joint mobility, balance, alignment and poor postural habits. The fitness principles of muscular strength, endurance, flexibility, cardiovascular endurance and body composition will be emphasized in each of these modalities. Additional assessment and management of nutritional habits will be emphasized. Each technique will be illustrated by the instructor at various levels of competency, i.e., beginners, intermediate and advanced. Music will be used to accompany the choreography of each modality as well as other fitness props. This course may be repeated for a total of 5 credits.

PEM 2131 Weight Training 2.00 Credits

This course is an overview of the basic principles of weight training and conditioning. The primary emphasis is to increase skeletal muscular development. Cardiovascular endurance and general fitness improvement is also involved. Course may be repeated 3 times for a total of 6 credits.

PEN 2136 Skin and Scuba Diving 2.00 Credits

This is a physical education course designed to teach the techniques of safe skin and scuba diving. Successful completion of this course qualifies students for nationally recognized certification. Physical examination, liability release and special equipment fee are required.

PGY 2000 History of Photography 3.00 Credits

In this course, the student will research early photographic processes, their applications, and influences on art trends. The student will examine the technological evolution of photography and the impact this progressive medium has on the growth of world culture. This course will focus on the inventors, entrepreneurs, artists and the network they created. It will examine how this shaped the foundation for the creation of a syntax of visual communication.

PGY 2107C Large Format Photography 3.00 Credits

Prerequisite: PGY 2404C . This course is designed to enable students to evolve individually and as a group toward the understanding and creative utilization of visual technology. The program takes an interdisciplinary approach to experimental application of new technologies associated with photography and its impact on the culture, visual expression, and communications in the world today. Students will examine visual perspective by the ability to control the photographic image through the use of large format camera equipment. Students will examine the inherent optical distortion associated with human perception and camera lenses. Students will explore the various methods of correcting for optical distortions. Students will study the advantages of large format photography compared to conventional smaller cameras. The students will learn the diversity of controls and techniques which accompany larger formats. The emphasis will be a hands-on approach working with other students in an equipped photographic studio and laboratory designed to provide an environment for creative activity which reflects the inherent flexibility of medium and large format photography and how this application has expanded the visual syntax in all forms of expression.

PGY 2201C Photography Studio Lighting 3.00 Credits

Prerequisite: PGY 2800C . This course introduces students to the foundational elements of lighting. Students will recognize the different types of lighting and how to control the quality of light through various techniques using both support materials and equipment. Following assignment criteria, students will effectively compose and manipulate their lighting, digitally capturing impactful imagery. Students will have the option to digitally enhance their imagery using editing software of their choice. A variety of photographers will be introduced to enlighten students of the diversity of possible lighting techniques and concepts being explored in studio lighting today. Students should have a basic knowledge of the use of computers and access to a DSLR digital camera.

PGY 2210C Professional Studio Portraiture 4.00 Credits

Prerequisite: PGY 2800C . This is a course for students to explore on both an individual and group basis the utilization of photographic lighting equipment and techniques for portrait photography. The emphasis will be a "hands on" approach working with other students, models and potential clients in portrait situations. Students will develop basic lighting skills and practice in the production of studio portraits. Students will examine various methods of photographing individuals and groups of people in a studio environment and how photographic styles have expanded the visual syntax in all visual forms of expression and communication in cultures throughout the world. Course may be taken up to three times for credit.

PGY 2401C Photography I 3.00 Credits

This course introduces the students to the fundamental elements of black and white photography. The course includes the study of camera operation, exposure control, film processing, printing the positive, print finishing, and presentation. Students will examine photographic compositional guidelines in the context of a series of exercises and assignments. It is through these assignments; students will have the opportunity to pursue the medium as both a personal expression and to build a technical foundation as a means to pursue a commercial application going forward in photographic industry. Course may be taken up to three times for credit.

PGY 2404C Intermediate Photography 3.00 Credits

Prerequisite: PGY 2800C . In this course the student addresses advanced problems in refinement during post production through digital output, the development of visual acuity, perception, and aesthetic sensibilities, as well as with advanced technical

problems. Advanced problems include controlling various manipulative techniques obtainable through the camera and post production. Additional emphasis is placed on surveying photography's application for other fields including journalism, editorial, commercial and advertising in the photographic industry. Course may be taken up to three times for credit. 92 contact hours.

PGY 2446C Alternative Processes/Photography 3.00 Credits

Prerequisite: PGY 2401C . This course is designed to enable students to evolve individually and as a group toward the utilization of historical photographic processes fused into new technologies. The program takes an interdisciplinary approach to experimental applications of old photographic technologies and examines the integration of computer technology into these processes and its impact on the culture, visual expression, and communications in the world today. Students will examine early non-silver photographic processes, such as Kalotypes, Cyanotypes, and Gum Bicromates and incorporate these processes with computer materials and techniques. Students will explore how the integration of these diverse applications can allow for greater and new creative discoveries in their approach to both photographic and computer related technologies. The emphasis will be a hands-on approach working with other students in an equipped photographic and electronic laboratory designed to provide an environment for creative activity which reflects the inherent flexibility of conventional and computer technologies and how this medium has expanded the visual syntax in all forms of expression.

PGY 2470C Themes for Photographers 3.00 Credits

Prerequisite: (PGY 2800C and PGY 2404C and DIG 2115C) . This course builds on the basic technical knowledge of photography. The student will have the opportunity to explore and develop their own thematic approach to communicating through photography. The student will research various artists and photographers in the context of their thematic approach to creating imagery. (Note: This course may be taken up to 3 times for a total of 9 credits.)

PGY 2475C Portfolio Development 3.00 Credits

Prerequisite: PGY 2470C or Other: Permission of Program Administrator. . This course is designed for students to evolve on an individual and group basis toward the creative utilization of technology for enhancement of presentation of student portfolio work. The program takes an interdisciplinary approach to the documentation of student portfolios through the application of conventional and new photographic technologies and its impact on the culture, visual expression and communications in the world today. Students will examine various technologies of documenting their edited images and assembling their work utilizing a diversified means of professional presentational methods. Students will explore presentational technologies best suited for their specific target market for employment. The emphasis will be a hands on approach working with other students in an equipped photographic and electronic laboratory designed to provide an environment for creative activity which reflects the inherent flexibility of conventional and new technologies and how this medium has expanded the visual syntax in all form of expression. Course may be taken up to three times for credit.

PGY 2750C Introduction to Video Production 3.00 Credits

Prerequisite: PGY 2210C . This course enables students to create short digital video productions. The course covers pre-production, production and post-production methods, strategies and techniques, including story/script development, interviewing, videography, audio recording and software editing. The course will prepare students with the professional practices to successfully pursue a career in the video industry workforce.

PGY 2800C Digital Photography 3.00 Credits

This course introduces students to the foundational elements of digital photography. Students will recognize digital camera and lens components, optical principles, camera operation, image composition, digital image manipulation and image file management. Using their own captured images, students will learn to effectively examine their subject matter through the application of compositional and design elements. Students will explore the use of editing software for organizing, cataloging and retouching digital imagery and will research various artists and photographers identifying their significance and impact on photographic history. Prospective students should have a basic knowledge of the use of computers and must have access to a digital camera with manual controls. Course may be taken up to three times for credit. 92 contact hours.

PGY 2940C Professional Practices/Internship 3.00 Credits

Prerequisite: PGY 2201C and DIG 2115C . This course is designed to enable students to evolve individually and as a group toward the utilization of photographic technology. The program takes an interdisciplinary approach to experimental application of new

technologies associated with photography and its impact on the culture, visual expression and communications in the world today. Students will utilize photographic skills and techniques acquired in the classroom and apply these applications in a pre-determined business or company. Students will explore their photographic discipline in an on-site training program/internship for knowledge and experience. The emphasis will be a hands-on approach working with other students in an equipped photographic and electronic laboratory and on-location incorporating academic discussions and practices with job related experience. The program is designed to provide an environment for creative activity which reflects the inherent flexibility of the traditional and new technologies and how this medium has expanded the visual syntax in all forms of expression.

PHH 2101 Introduction to Ancient Greek Philosophy 3.00 Credits

Prerequisite: ENC 0020 or EAP 1695 or satisfactory score on the SPC placement test. . This introductory survey of classical Greek Philosophy provides a rich evaluation of ancient schools of thought and their connection to Western culture. A historical and critical examination is conducted of these schools of thought addressing the issues in metaphysics, epistemology and axiology (ethics, aesthetics, and theology.) Discussion as well as lecture will focus on historically and philosophically important philosophers, including Thales, Pythagoras, Heraclitus, Parmenides and other Pre-Socratic philosophers, as well as Plato and Aristotle.

PHI 1010H Honors Introduction to Philosophy 3.00 Credits

Prerequisite: Appropriate score on the SPC placement test or approval of the Dean. Other: : . An introductory survey of the major topics and fields in the history of philosophy that examines ideas and concepts of significant thinkers from classical to contemporary philosophy through the examination and evaluation of arguments, issues, and ideas central to philosophy by utilizing discussion and debate concerning alternative approaches to a variety of philosophical problems. Topics may include the nature of knowledge, reality, truth, virtue, justice, and other areas of philosophical inquiry. Special emphasis will be given to theoretical traditions of Western thought such as idealism, materialism, rationalism, and existentialism, as well as Post-Modern and non-Western theoretical positions. This course satisfies SPC Humanities General Education Core, and FL state transfer requirements. Credit is not given for both PHI 1010H and PHI 1010 as these courses are equivalent.

PHI 1010 Introduction to Philosophy 3.00 Credits

An introductory survey of the major topics and fields in the history of philosophy that examines ideas and concepts of significant thinkers from classical to contemporary philosophy through the examination and evaluation of arguments, issues, and ideas central to philosophy by utilizing discussion and debate concerning alternative approaches to a variety of philosophical problems. Topics may include the nature of knowledge, reality, truth, virtue, justice, and other areas of philosophical inquiry. This course satisfies SPC Humanities General Education Core, and FL state transfer requirements. Credit is not given for both PHI 1010H and PHI 1010 as these courses are equivalent.

PHI 1600H Honors Studies in Applied Ethics 3.00 Credits

Prerequisite: Appropriate score on SPC placement test or approval of the Dean. . Honors Studies in Applied Ethics is an opportunity for academically gifted SPC students to develop valuable critical thinking and moral reasoning skills that will serve them well not only in any future career, but also in their daily lives. The class is a practical overview of foundational concepts, questions, and issues in applied ethics. Special emphases are placed on practicing critical thinking and understanding central ethical ideas in both historical and contemporary ethical theories. Students will have the chance to examine a number of personal, social, and professional ethical issues; such issues may include conflicts of interest, academic integrity, ethical issues about the environment, problems in developing or emerging technologies, end-of-life decision-making (e.g., euthanasia), economic inequality, among many others. Some sections of Honors PHI 1600 may have a more focused topic; these sections involve a closer examination of ethical problems in those topic areas. Special topic courses are available in health care, business, public safety, environmental, and sports ethics. Sections with special topics still satisfy the applied ethics general education requirement. Students will enjoy an active learning experience, increased student interaction and opportunities for independent thinking and research into ethical issues of personal interest. This course partially satisfies the writing requirements outlined in the General Education Requirements and meets the College's general education requirements for applied ethics (Note: Credit is not given for both PHI 1600 and any of the following courses: PHI 1603, PHI 1602H, PHI 1631, PHI 2621, PHI 2622, PHI 2635, or PHI 2649. Study Abroad opportunities may apply to this course).

PHI 1600 Studies in Applied Ethics 3.00 Credits

Prerequisite: (REA 0017 and ENC 0025) or EAP 1695 or Other: Appropriate score on the college placement test. . Studies in Applied Ethics is an opportunity for SPC students to develop valuable critical thinking and moral reasoning skills that will serve them well

not only in any future career, but also in their daily lives. The class is a practical overview of foundational concepts, questions, and issues in applied ethics. Special emphases are placed on practicing critical thinking and understanding central ethical ideas in both historical and contemporary ethical theories. Students will have the chance to examine a number of personal, social, and professional ethical issues; such issues may include conflicts of interest, academic integrity, ethical issues about the environment, problems in developing or emerging technologies, end-of-life decision-making (e.g., euthanasia), economic inequality, among many others. Some sections of PHI 1600 may have a more focused topic; these sections involve a closer examination of ethical problems in those topic areas. Special topic courses are available in health care, business, public safety, environmental, and sports ethics. Sections with special topics still satisfy the applied ethics general education requirement. Students will enjoy an active learning experience, increased student interaction and opportunities for independent thinking and research into ethical issues of personal interest. This course partially satisfies the writing requirements outlined in the General Education Requirements and meets the College's general education requirements for applied ethics (Note: Credit is not given for both PHI 1600 and any of the following courses: PHI 1603, PHI 1602H, PHI 1631, PHI 2621, PHI 2622, PHI 2635, or PHI 2649. Study Abroad opportunities may apply to this course).

PHI 2103 Critical Thinking and Ethical Decision Making 3.00 Credits

Prerequisite: PHI 1600 PHI 1600H PHI 1603 PHI 1631 PHI 2635 or PHI 2649 . This course introduces students to critical thinking tools and techniques, and provides students with the practical skills needed to analyze and assess situations in order to resolve complex problems and make responsible and ethical decisions.

PHI 2621 Applied Ethics II 1.00 Credits

Prerequisite: PHI 1603 . This course is designed to meet the needs of the student who has initially completed a 2 credit Ethics course, but needs a 3 credit Ethics course. This course is a practical approach to recognizing, understanding and solving ethical problems confronting individuals in today's society. Students will learn concepts in applied ethics and selected ethical theories, which represents additional main themes in moral philosophy. Emphasis will be placed on the development of skills necessary for critical thinking and responsible decision making. Credit will not be given for both PHI 2621 and any of the following courses: PHI 1600,1602H, 2635, 2649,1631 or PHI 2622.

PHI 2623 Ethics for Educators 3.00 Credits

Prerequisite: BA or BS degree or permission of Program Director. This course is designed to meet the needs of current K-12 educators who teach or will be teaching in the State of Florida, but need an approved Ethics Course to be certified or recertified to teach. This course is a practical approach to recognizing, understanding and solving ethical problems confronting educators in today's society. Students will learn concepts in applied ethics and selected ethical theories, which represent main themes in moral philosophy. Students will learn current Principles of Professional Conduct, Board of Education rules and relevant Florida Statutes, and will learn the use of said codes, rules and laws in resolving ethical issues. Emphasis will be placed on the development of skills necessary for critical thinking and responsible decision making in the educational arena.

PHI 2624 Ethics in Popular Culture and Entertainment 3.00 Credits

Prerequisite: PHI 1600 PHI 1600H PHI 1631 PHI 2635 or PHI 2649 . This course is a study of the fundamental concepts of classical and modern approaches to moral reasoning as identified in various forms of popular culture and entertainment. A review of fundamental ethical definitions and concepts, elements of critical thinking and logic, and classical and contemporary approaches to moral reasoning will precede the examination and analysis of selected forms of popular culture and entertainment. The analysis phase will consist of an examination of the selected materials with a view to identifying the presence of issues and dilemmas of moral significance. Fictional and historical characters will then be assessed as to their critical thinking processes and their approaches to the resolution of moral dilemmas.

PHT 1121 Functional Anatomy and Kinesiology 3.00 Credits

Prerequisite: BSC 2085 and BSC 2085L and Pre or Corequisite: PHT 1121L . This course will be devoted to the study of the structure and function of the musculoskeletal system with emphasis on the mechanical (functional) aspects of human motion and the application of kinesiology as related to therapeutic exercise.

PHT 1121L Functional Anatomy and Kinesiology Laboratory 2.00 Credits

Prerequisite: BSC 2085 and BSC 2085L and Pre or Corequisite: PHT 1121 . Within a laboratory environment, this course will be devoted to the study of the structure and function of the musculoskeletal system with emphasis on the mechanical (functional) aspects of human motion and the application of kinesiology as related to therapeutic exercise. Observational, manual dexterity and communication skills will be developed relevant to analyzing, demonstrating, monitoring and/or modifying therapeutic exercise/routines.

PHT 1200L Basic Patient Care Laboratory 3.00 Credits

Prerequisite: PHI 1600 and HSC 1531 and Pre or Corequisite: PHT 1200 and Prerequisite: computer competency met. . This is a laboratory course in which there is practice in activities and modalities basic to the care of patients in health agencies. The development of manual dexterity with patient safety and comforts is the focus. The college laboratory will be utilized for practice demonstration.

PHT 1200 Introduction to Basic Patient Care 3.00 Credits

Prerequisite: PHI 1600 and HSC 1531 and computer competency met. and Pre or Corequisite: PHT 1200L . This course is an introduction to the field of physical therapy including role orientation, professional organizational structure, modality principles used for basic patient care and disease processes. Role orientation, ethics, legal aspects, limitation and relationships will be explored relative to the physician, registered physical therapist and the patient.

PHT 1217 Physical Therapy Principles and Procedures 3.00 Credits

Prerequisite: PHT 1200 and PHT 1200L and PHT 1121 and PHT 1121L and BSC 2086 and BSC 2086L and Pre or Corequisite: PHT 1217L . This is a course to introduce the principles of physical therapy (PT) treatment procedures and modalities used in patient care. Specialized vocabulary and selected medical-surgical conditions are presented.

PHT 1217L Physical Therapy Principles and Procedures Laboratory 3.00 Credits

Prerequisite: PHT 1200 and PHT 1200L and PHT 1121 and PHT 1121L and ENC 1101 and BSC 2086 and BSC 2086L and Pre or Corequisite: PHT 1217 . Basic skills will be developed and principles applied involving functional anatomy and kinesiology, basic therapeutic exercise, and application of modalities relative to caring for the patient. Demonstrations, student practice in college laboratory and in affiliated health agencies constitute course activities.

PHT 1801L Physical Therapy Clinical Practice I 4.00 Credits

Prerequisite: PHT 2252 and PHT 2252L and PSY 1012 and Any General Education Humanities course with a minimum grade of C . This course allows the student to correlate didactic course work with basic patient care skills in the clinical setting utilizing information learned in the first year of the physical therapist assistant program. Each student is assigned to a clinical agency and performs specific physical therapy modalities and procedures on a variety of patients under the close supervision of a physical therapist. (Note: This course requires 40 clinical hours per week for 5.5 weeks.)

PHT 2162 Neurological Disabilities and Treatment 3.00 Credits

Prerequisite: PHT 1801L . This course is devoted to the advanced study of the nervous system and selected neurological disabilities encountered in physical therapy practice. Emphasis is on the etiology, pathology and clinical picture of diseases studied. Use of physical therapy modalities and procedures most effective for each neurological condition is discussed.

PHT 2220 Therapeutic Exercise in Physical Therapy 2.00 Credits

Prerequisite: PHT 1801L Pre or Corequisite: PHT 2220L . This course provides an overview of the neurophysiological and cardiovascular basis for application of therapeutic exercise. The rationale for and functional basis of therapeutic exercise is correlated with selected patient pathologies.

PHT 2220L Therapeutic Exercise in Physical Therapy Lab 2.00 Credits

Prerequisite: PHT 1801L and Pre or Corequisite: PHT 2220 . Within the laboratory environment, this course will be devoted to the study and performance of power-assisted exercise modes and cardiovascular-based and neurophysiologically-based therapeutic exercise programs. Practice in the laboratory will involve demonstration, observation, analysis and performance monitoring.

PHT 2252 Orthopedic Disabilities and Treatment 3.00 Credits

Prerequisite: PHT 1121 and PHT 1121L and PHT 1200 and PHT 1200L and Pre or Corequisite: PHT 1217 and PHT 1217L and PHT 2252L . This course provides a basic knowledge of selected orthopedic disabilities encountered in physical therapy practice. Emphasis is on the etiology, pathology and clinical picture of diseases studied. Use of physical therapy modalities and procedures used in each disability is discussed.

PHT 2252L Orthopedic Disabilities and Treatment Laboratory 2.00 Credits

Pre or Corequisite: PHT 2252 and Prerequisite: PHT 1217 and PHT 1217L and Pre or Corequisite: PHT 1217 and PHT 1217L . This course provides the opportunity to develop basic skills in data collection and more advanced skills in therapeutic exercise techniques for common orthopedic conditions. Exercise programs for specific orthopedic pathologies are presented and practiced.

PHT 2810L Physical Therapy Clinical Practice II 4.00 Credits

Prerequisite: PHT 2220 and PHT 2220L and POS 2041 and College level Mathematics with a minimum grade of C, and DEP 2004 . This clinical and laboratory course is correlated with previous didactic and lab material. It provides the student with selected experiences in the college laboratory and health care agency. Emphasis is placed on more complex therapeutic procedures in clinical practice. Problem-solving techniques are employed in clinical decision-making. (Note: 40 clinical hours per week for five (5) weeks and 20 hours in the college laboratory).

PHT 2820L Physical Therapy Clinical Practice III 4.00 Credits

Prerequisite: PHT 2810L and PHT 2931 . This clinical course provides the student with selected experiences in a healthcare agency under the direct supervision of a physical therapist/physical therapist assistant. Emphasis is placed on complex/advanced therapeutic procedures in clinical practice. Advanced problem-solving techniques are employed in clinical decision-making. (Note: This course requires 40 clinical hours per week for 5.5 weeks.)

PHT 2931 Trends in Physical Therapy 2.00 Credits

Prerequisite: PHT 2220 and PHT 2220L and PHT 2252 and PHT 2252L and PHT 2162 and PHT 2810L or Pre or Corequisite: PHT 2810L . This course is a seminar-type class which will explore the newer trends involving the role of the professional team, the professional organization, legal and ethical implications and legislation (including state regulations as well as Medicare and Medicaid regulations). Historical patterns in the development of the profession of physical therapy and projections of future directions in light of influence from the past will be explored.

PHY 1048L Physics Laboratory I 1.00 Credits

Pre or Corequisite: (PHY 1053 or PHY 2048) or Permission of the Program: : . This course is to provide laboratory experience with concepts and principles of mechanics, such as kinematics, Newton's laws, waves and heat. Students will collect, analyze, and interpret data. This course has a substantial writing requirement. (Credit is only given for PHY 1048L or PHY 1048LH.)

PHY 1049L Physics Laboratory II 1.00 Credits

Prerequisite: PHY 1048L and Pre or Corequisite: (PHY 1054 or PHY 2049) . A continuation of Physics Laboratory I, this course provides laboratory experiences in concepts and principles of electricity, magnetism, and light. This course has a substantial writing requirement.

PHY 1053 General Physics I 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 or EAP 1695) and (MAC 1114 or MAC 1147) and Pre or Corequisite: (PHY 1048L) or Permission of the Program: : . Subject matter includes mechanics, heat, and sound. This is a course for students not majoring in the physical sciences. (Credit is not given for both PHY 1053 and PHY 2048.)

PHY 1054 General Physics II 3.00 Credits

Prerequisite: PHY 1048L and (PHY 1053 or PHY 2048) and Pre or Corequisite: PHY 1049L . Subject matter includes electricity, magnetism, light, and some modern physics. A course for students not majoring in the physical sciences. (Credit is only given for PHY 1054 or PHY 2049.)

PHY 1341 DANTES Principles of Phys Sci 3.00 Credits

minimum score of 52

PHY 2048 Physics I 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 or EAP 1695) and (MAC 2311 and Pre or Corequisite: PHY 1048L) or Permission of the Program: : . This course includes theory of Newtonian mechanics: vectors; force; motion; energy; and rotation of rigid bodies. It also includes theory of heat; sound and wave motion; use of Calculus in problem solving. This course is designed for physics majors and for engineering students. Credit is not given for both PHY 2048H and PHY 2048.

PHY 2049 Physics II 3.00 Credits

Prerequisite: PHY 2048 and PHY 1048L and (MAC 2312 or MAC 2234 and) Pre or Corequisite: PHY 1049L . This course is the study of theory of electricity and magnetism, nature of light, electromagnetic radiation, optics, and selected topics in modern physics. Calculus will be used in problem solving. This course is intended for physics majors and engineering students.

PLA 1003 Introduction to Paralegalism 3.00 Credits

Prerequisite: Dev Level 2 Writing Met and Dev Level 2 Reading Met. Students will be provided a general perspective of the legal system and the role of a paralegal within that system. Students will get a view of the typical daily paralegal duties and responsibilities. They will become familiar with the most common skills and competencies required of a paralegal such as: legal analysis; legal research and writing; and interview and investigation. Students will study the various operations and structures of the court systems, administrative agencies, private law firms and public sector offices. In addition, the student will understand the role a paralegal plays in various areas of the law and the diverse functions performed by paralegals within those distinctive fields. Students will examine the professional and ethical regulations lawyers and paralegals must follow. Students will demonstrate knowledge of specific legal terminology and the main principles of law office management. Students will be given an opportunity to develop the most important competencies and hands-on skills within the classroom setting and in a real-world context through participation in voluntary service within the legal profession.

PLA 1104 Legal Research and Writing 3.00 Credits

Pre or Corequisite: PLA 1003 and (ENC 1101 or ENC 1101H or IDS 1101H) . This course will provide the student with a working knowledge of the major techniques of legal research and writing. It will introduce the student to a broad practical approach to the use of legal publications and the law library. The student will complete assigned problems in legal research and will draft legal memoranda and briefs for both trial and appellate work.

PLA 1361 Techniques of Interview and Investigation 3.00 Credits

Pre or Corequisite: PLA 1003 . This course is designed to enhance communication skills and acquaint the student with the techniques of skillful investigation. Students will receive training in methods of interviewing. Fact analysis, sources of evidence and special investigative problems will be explored. Emphasis is placed on human relations skills in working with people.

PLA 1730 Computerized Legal Research 1.00 Credits

Prerequisite: PLA 1104 . This course is designed to familiarize the student with computerized legal research databases and enhance previously learned research skills.

PLA 1763 Law Office Practice and Technology 3.00 Credits

Prerequisite: ENC 1101 or ENC 1101H or IDS 1101H . This course analyzes the fundamental objectives of the management of a law office, the essential technology used in a law office, management concepts, and essential communication skills. Additional study

will be focused upon the organization of private, corporate and government legal departments. Major attention will be upon administrative systems and procedures; timekeeping and accounting practices; compensation and profit distribution.

PLA 2114 Advanced Legal Research 3.00 Credits

Prerequisite: PLA 1104 . This course is designed to perfect the research skills acquired in PLA 1104. Emphasis is placed on developing facility in state and federal research and the drafting of memoranda and briefs.

PLA 2201 Civil Law and Procedure 3.00 Credits

Pre or Corequisite: PLA 1003 . This course is designed to prepare the legal assistant to assist the trial attorney in preparing for civil litigation, trial, alternative dispute resolution methods, and post-trial proceedings in the Florida and Federal courts. The course covers substantive civil law, the Florida and Federal Rules of Civil and Appellate Procedure and related matters including drafting of pleadings, preparing discovery documents, drafting motions, drafting settlement proposals, preparation of a trial brief, abstracting of depositions, trial procedure, and appellate jurisdiction.

PLA 2203 Civil Litigation I 3.00 Credits

Prerequisite: PLA 1003 . This course is designed to prepare the legal assistant to assist the trial attorney in preparing civil litigation in the Florida and Federal courts. The course covers substantive civil law, the Florida and Federal Rules of Civil Procedure and related matters including drafting of pleadings, preparing interrogatories and answers.

PLA 2223 Civil Litigation II 3.00 Credits

Prerequisite: PLA 2203 and any approved Speech course. . This course is designed to prepare the paralegal to assist the civil trial attorney in civil litigation, mediation and arbitration in Florida state and federal actions. This course covers the Florida and Federal Rules of Civil and Appellate Procedure and related matters including the drafting of settlement proposals, preparation of a trial brief, abstracting of depositions, trial procedure and appellate jurisdiction. The course also addresses administrative law systems.

PLA 2303 Criminal Litigation I 3.00 Credits

Prerequisite: PLA 1003 . This course is designed to prepare the Legal Assistant to assist the trial attorney in preparing for criminal litigation in the Florida and federal courts. Special emphasis is placed on substantive criminal law, federal constitutional law and application of the state and federal Rules of Criminal Procedure.

PLA 2304 Criminal Law and Procedure 3.00 Credits

Prerequisite: PLA 1003 . This course is designed to prepare the paralegal to assist the trial attorney in preparing for criminal litigation in the Florida and federal courts. Special emphasis is placed on substantive criminal law; federal constitutional law; application of the state and federal Rules of Criminal Procedure; and preparation of trial documents including voir dire charts, abstracts of depositions, motions and proposed jury instructions. Criminal appeals will be covered as well.

PLA 2323 Criminal Litigation II 3.00 Credits

Prerequisite: PLA 2303 . This course is designed to prepare the student to assist the trial attorney in preparing for criminal litigation in the Florida and federal courts. Special emphasis is placed on preparation of a trial brief including voir dire, abstracts of depositions, motion practice and proposed jury instructions. Criminal appeals will be covered as well.

PLA 2433 Business Organizations 3.00 Credits

Prerequisite: PLA 1003 and BUL 2241 . This course will acquaint the student with typical legal functions connected with the formation and operation of a variety of business entities. It will primarily consider paralegal functions in the field of corporate law, including organization and creation of a corporation, continuing corporate operation problems, and typical corporate variations. These will be compared with the formation, operation and regulation of other types of business organization including sole proprietorships, partnerships, limited liability companies and others. Students will examine principles of insurance law, corporate bankruptcy, employment and labor law, wills, estates and trusts, negotiable instruments, commercial paper, and secured transactions.

PLA 2600 Wills, Estates, Trusts, & Probate Administration 3.00 Credits

Prerequisite: PLA 1003 . This course deals with the basic legal concepts of the more common forms of wills, and the basic procedures and fundamental principles of law applicable to the formal and summary administration of intestate and testate estates with a basic analysis of estate fiduciary accounting. The organization and jurisdiction of the probate division of the circuit courts. The nature and function of testamentary and inter vivos trusts. The basic legal concepts and procedures of guardianship law and with the principles and procedures of elder care planning and advance directives.

PLA 2601 Wills, Trusts and Estates 3.00 Credits

Prerequisite: PLA 1003 . This course deals with the basic legal concepts of the more common forms of wills, and the basic procedures and fundamental principles of law applicable to the formal and summary administration of intestate and testate estates with a basic analysis of estate fiduciary accounting. The organization and jurisdiction of the probate division of the circuit courts. The nature and function of testamentary and inter vivos trusts.

PLA 2603 Guardianship and Elder Law 3.00 Credits

Prerequisite: PLA 2601 . This course deals with the basic legal concepts and procedures of guardianship law and with the principles and procedures of elder care planning and advance directives.

PLA 2610 Real Estate Transactions 3.00 Credits

Prerequisite: PLA 1003 . This course is designed to prepare the paralegal to assist in the more common types of real estate transactions and conveyances, such as deeds, contracts, and leases. Emphasis is placed on drafting problems involving these various instruments, and proper methods of recording, searching and closing. Topics include business brokerage operations, property law, deeds, mortgages, financing, taxes, planning and zoning, appraisal, real estate investment and market analysis, public housing, governmental regulations, ethical issues, and case studies of selected topics in agency and brokerage operations. Also included will be preparation of real estate contracts and closing statements.

PLA 2800 Family Law 3.00 Credits

Prerequisite: PLA 1003 . This course will introduce the student to pleading and practice in the field of family law including dissolution, annulment, separate maintenance, alternative dispute resolution, paternity, powers of attorney, juvenile matters, and modification actions. Emphasis is placed on drafting pleadings and agreements, dealing with forms, methods of discovery, and trial preparation. The student will complete a related research project.

PLA 2801 Family Law II 3.00 Credits

Prerequisite: PLA 2800 . This course is a continuation of PLA 2800 and will deal with miscellaneous family related areas including adoption, paternity, powers of attorney, juvenile matters, and modification actions. Emphasis is placed on drafting pleadings and dealing with forms. The student will complete a related research project.

PLA 2940 Legal Assistant Seminar and Work Experience 3.00 Credits

Prerequisite: Permission of the Program. This is a one hour seminar discussing job problems and a minimum of twelve hours per week on-the-job experience as a legal assistant trainee with a law firm or in a law-related office is required.

PLA 3240 Alternative Dispute Resolution 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies or Other: Permission of the Program . This course is designed to provide an overview of mediation procedure and governing law in Florida. Additionally, it will provide students with the fundamental tools for conflict resolution through negotiation and mediation and will enable them to both understand and apply successful conflict resolution in their forthcoming roles within the legal community.

PLA 3306 Criminal Law and Procedure 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: PLA 2114 . This course is developed both topically and historically to approach the substantive criminal law and criminal procedure for the upper division student. The course covers the history and

basis of U.S. criminal law, delves into an analytical study of the various types of crimes and defenses, and provides an in-depth treatment and real-world view of U.S. criminal procedure.

PLA 3410 Intellectual Property Law 3.00 Credits

Pre or Corequisite: PLA 2114 and Admission to: LEGAL-BAS: Paralegal Studies . This course will provide the student with a working knowledge of the types, nature, registration requirements, and enforcement of patents, trademarks, copyright, trade secrets and trade dress. The student will also be exposed to procedural requirements in protecting and enforcing intellectual property. A component of this course also discusses current and future intellectual property issues on the internet and in the entertainment industry.

PLA 3467 Bankruptcy 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Pre or Corequisite: PLA 2114 . This course gives the student an introduction into the purpose and structure of the bankruptcy laws. This course is designed to teach the student the basic steps a case takes under Chapter 7, 11, and 13 of the Bankruptcy Code. This course will define and demonstrate basic bankruptcy terminology including a discussion of the various roles of debtors, creditors, trustees, and judges in a typical bankruptcy case.

PLA 3474 Labor and Employment Law 3.00 Credits

Prerequisite: (BUL 2241 or BUL 2131 or BUL 3310 or BUL 3320) and PLA 2114 . This course introduces the student to the basic laws governing labor and employment in the United States with a focus on compliance. Topics covered include the employer/employee relationship, statutory law regarding the workplace, the historical and regulatory scheme of workers compensation, unemployment compensation, the basic statutory law, administrative law, and enforcement scheme governing labor and employment; collective bargaining laws; and civil service and civil rights in the public sector.

PLA 3563 Insurance Law 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies or Other: Permission of the Program and Prerequisite: PLA 2114 . This course examines the nature of insurance, insurable interests, the definitions of risk, persons insured, the procedures for filing claims, defenses of the insurer, doctrines of waiver and estoppel, measures of recovery, the insurer's duty to defend, bad faith causes of action, reinsurance, bonds, and regulation of insurance.

PLA 3703 Seminar in Professional Responsibility 3.00 Credits

Admission to: (LEGAL-BAS: Paralegal Studies or LEGAL-CT: Paralegal Studies) and Pre or Corequisite: PLA 2114 . This course covers ethical responsibilities of legal professionals, a study in the canons of legal ethics, and areas of liability for professional malpractice. This course requires the student to participate in a community service-learning project approved by the college, instructor, and student.

PLA 3723 Logic and the Law 3.00 Credits

Pre or Corequisite: PLA 2114 and Admission to: LEGAL-BAS: Paralegal Studies . This course will introduce students to various forms of reasoning and informal fallacies. Subsequently, the course will conduct an in-depth study of deductive syllogistic logic and will conclude by introducing the quantification techniques of propositional and predicate logic (first-order symbolic logic). The course includes logic games and application of logical analytical principles to legal writing.

PLA 3734 Computers and the Law Office 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Pre or Corequisite: PLA 2114 . This course introduces the student to the law office work environment and contains instruction and practice on computer programs common to law offices. Applications will include word processing, spreadsheets, databases, document preparation and billing software.

PLA 3873 Securities Law 3.00 Credits

Pre or Corequisite: PLA 2114 and Admission to: LEGAL-BAS: Paralegal Studies . This course surveys federal and state regulation of securities from initial registration and issuance to public trading. The course focuses on the nature and extent of investor protection and the duties and liabilities of corporate officers and directors, the issuer, and others. Various aspects of securities

regulation in the area of business entity finance are discussed including such regulatory schemes as the Securities Act of 1933, the Securities Exchange Act of 1934, and the Florida Blue Sky laws.

PLA 3885 United States Constitutional Law 3.00 Credits

Admission to: (LEGAL-BAS: Paralegal Studies and Pre or Corequisite: PLA 2114) or Admission to: PPA-BS: Public Policy and Administration . This course is developed both topically and historically to approach the judicial review process, the doctrine of implied powers, the three branches of power, substantive due process along with equal protection, civil rights, free speech and religion.

PLA 4116 Legal Writing Seminar 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: PLA 2114 . This course provides a comprehensive review of the entire legal researching and writing process. The further development of legal researching and writing skills is fostered with special emphasis on analyzing and preparing documents for either the state or federal court system.

PLA 4225 Civil Trial Practice 3.00 Credits

Prerequisite: PLA 2203 and PLA 2114 . This course is designed to prepare the legal assistant to assist the civil trial attorney in civil litigation in Florida state and federal actions by providing experience preparing for trial. This course covers the Florida and Federal Rules of Civil and Appellate Procedure and the application of the Rules in litigation and the appeals process. The course will teach students how to prepare for a trial including abstracting depositions, preparing a trial brief, preparing pre-trial motions, constructing a trial strategy, and utilizing skills in a mock trial. This course builds on PLA 2203 with a strong focus on trial preparation and practice. Not intended for students who have taken PLA 2223.

PLA 4263 Evidence Law 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: PLA 2114 . This course is designed to introduce the student to the use of evidence in a legal cause of action, the various types of evidence, the paralegal's role in gathering and organizing that evidence, and effective use in alternative dispute resolution or trial. Students will also be taught the importance of the preservation of evidence and chain of custody. The student will be versed in the Federal and Florida Rules of Evidence.

PLA 4275 Tort and Personal Injury Law 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: PLA 2114 and PLA 2203 . This course is intended to provide an overview of basic concepts and laws within tort and personal injury law. Topics covered include intentional torts, the four elements of negligence, strict liability torts, various types of defamation, malpractice, insurance, and business torts. The applicable defenses to the aforementioned torts will be covered as well. In addition, it will provide the student fundamental tools in this area of the law concerning how law firms function, assessing cases for settlement value, investigating claims, billing hours, and evaluating insurance policies.

PLA 4404 Commercial Transactions 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: (BUL 2241 or BUL 2131 or BUL 3310 or BUL 3320) . In this practical skills course, students review and prepare transactional documents associated with the most common business transactions and closings. This course requires the student to be proficient with computer applications as the class will be conducted in a computer lab.

PLA 4522 Health Care Law 3.00 Credits

Prerequisite: BUL 2241 or BUL 2131 or BUL 3310 or BUL 3320 or Permission of the Program. This course is intended to provide an overview of regulations and laws applying to the health care system. Topics covered include the contractual relationship established between patient and provider as well as patient and health insurance company; state and federal regulations regarding licensing, health care facilities, and health care insurance; and state and federal laws governing health care, privacy and bioethics. In addition, the course will give an in-depth look at the governing case law in each of these areas as well as addressing issues surrounding liability in the health care profession and medical malpractice.

PLA 4554 Environmental Law 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: PLA 2114 . This course is intended to provide an overview of concepts and laws within environmental law. Topics covered include the history and foundations of environmental law and the main laws and regulations surrounding the protection of our environment. An in-depth examination of the applicable laws and regulations will be pursued to achieve the requisite knowledge of environmental issues.

PLA 4607 Estate Planning and Administration 3.00 Credits

Prerequisite: PLA 2114 . This course equips students with the basic drafting requirements of wills, trust documents and advance care directives under the laws of Florida. Students will understand the eligibility for and process of summary administration, family administration and formal administration of both testate and intestate estates. Tax and other financial consequences will be addressed.

PLA 4613 Real Property Law 3.00 Credits

Admission to: (LEGAL-BAS: Paralegal Studies or Permission of the Program: :) and Prerequisite: (BUL 2241 or BUL 2131 or BUL 3310 or BUL 3320) . This course is designed to provide students with a basic overview of real property law with transactional considerations. Topics covered include: the basic elements of real property law, the different methods used to record and describe property, the methods used to transfer title, the rights associated with real estate ownership, the elements of real estate contracts, the basic elements of landlord/tenant law, deeds, mortgages, restrictions on land use, title insurance and title examinations, the closing process, and tax implications. Emphasis will be placed on the practical application of the skills necessary to perform drafting and review of related documents.

PLA 4806 Family Law 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: PLA 2114 . This course is a study of cases, Florida Statutes, and legal principles relevant to the formation, regulation and dissolution of the family unit, and to legal obligations which arise within the family relationship. The course considers: nuptial agreements, marriage, annulment, divorce, division of property, maintenance, custody, visitation, child support, tax law, adoption, paternity, and ethical issues. Emphasis is placed on developing practical skills such as the creation of pleadings, agreements, discovery, and trial preparation.

PLA 4827 Sports and Entertainment Law 3.00 Credits

Admission to: (LEGAL-BAS: Paralegal Studies or Permission of the Program: :) and Prerequisite: (BUL 2241 or BUL 2131 or BUL 3310 or BUL 3320) . This course introduces the student to basic concepts and regulations within the sports and entertainment industry with a focus on contract, constitutional, and intellectual property law. Topics covered in the area of sports law include the history of sports agents, torts and crimes in sports, Title IX and women's issues, contract law regarding athletes, financial and compensation considerations, American with Disabilities Act in sports, athlete/celebrity status, and intellectual property issues. Topics covered in the area of entertainment law include the legal structure of film, television, music, live stage, and publishing industries, contract law regarding entertainers, credits and compensation, constitutional considerations, and intellectual property law issues.

PLA 4830 Comparative Legal Systems 3.00 Credits

Pre or Corequisite: PLA 2114 and PLA 3885 and Admission to: LEGAL-BAS: Paralegal Studies . This course provides an examination of various legal traditions and systems of the world. International law and transboundary issues will be discussed. Substantive and procedural laws will be examined. Availability of resources will be emphasized.

PLA 4843 Immigration Law 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies or LEGAL-CT: Paralegal Studies and Pre or Corequisite: PLA 2114 . This course is intended to provide an overview of U.S. immigration laws. Special emphasis is placed on the practical aspects of immigration law, an examination of the substantive and procedural aspects of this type of practice, and an analysis of the changes in our immigration laws and policies post September 11, 2001. In addition, it will provide the student fundamental tools in this area of the law concerning interviewing a client as well as forms and documents requirements.

PLA 4876 Animal Law 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Prerequisite: PLA 2114 . This course is designed to review a wide range of legal policies as they apply to the emerging field of animal law. Considerations include contract applications, tort and criminal law, state and federal regulation of all types of animals, and discussing of rights and responsibilities pertaining to animals.

PLA 4941 Paralegal Studies Capstone 3.00 Credits

Prerequisite: Permission of Program and Senior Status. This is the capstone course for the Paralegal Studies program. It will provide the opportunity for the student to demonstrate that he/she has learned both the theoretical material and practical skills from the program and can apply them in the real world. It must be taken during the student's last semester at the college. This course focuses on giving the student the opportunity to develop and present a plan to solve a problem dealing with paralegal issues today. The student will choose a topic for a project consistent with the goals of this course and submit it to the course instructor for approval.

PLA 4944 Paralegal Certificate Capstone 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies or LEGAL-CT: Paralegal Studies and Prerequisite: Permission of the Program . This is the capstone course for the Paralegal Studies Certificate Program. It will provide the opportunity for the student to demonstrate that he/she has learned both the theoretical material and practical skills from the certificate courses and can sufficiently apply them to the Certified Legal Assisting examination. It must be taken during the student's last session of the certificate program. A substantive review of the CLA examination topics will be covered along with practice examinations. The student will also develop a professional portfolio which is representative of the work product and assignments completed throughout the certificate courses.

PLA 4949 Paralegal Studies Co-op Work Experience 1.00 - 3.00 Credits

Admission to: LEGAL-BAS: Paralegal Studies and Other: Permission of the Program . This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/)).

POS 2041 American National Government 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017 or) EAP 1695 or Other: appropriate score on the college placement test. . This survey course provides a comprehensive examination of the American political system. Through this course students will become familiar with theory, organization, principles, and function of the American national government, and various elements within the political system that work to shape policy outcomes. This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is only given for one of the following: POS 2041 or POS 2041H or IDS 2103H.

POS 2041H Honors American National Government 3.00 Credits

Prerequisite: appropriate score on the college placement test or Permission of the Program. This survey course provides a comprehensive and analytic examination of the American political system to students eligible for Honors classes. Through various teaching and learning methodologies, the student will become familiar with the theories, organization, principles and functions of the American national government. The course will cultivate independent, active learning, student participation and encourage the use of logical reasoning, in-depth analysis and critical thinking skills to examine the various elements within our political system which shape policy outcomes. This course partially satisfies the writing requirement outlined in the General Education Requirements. (Note: Credit is only given for POS 2041 or POS 2041H or POS 2050 or POS 2050H or IDS 2103H.)

POS 2112 State and Local Government 3.00 Credits

Prerequisite: ENC 0025 and REA 0017 or EAP 1695 or appropriate score on the SPC placement test. . This course is an examination of the institutions and processes of Federalism, political parties, state governments, state protected civil liberties, counties, municipalities, special districts, and regional compacts. Examples and illustrations of processes and procedures will be drawn mainly upon the Florida government. This course partially satisfies the writing requirements outlined in the General Education Requirements.

POS 2949 Co-op Work Experience 1.00 - 3.00 Credits

Prerequisite: Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. Co-op courses may be repeated but total credits shall not exceed twelve. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

POS 3235 Mass Media & Public Policy 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration . This course provides an overview of the complex relationships between government, the media, and the public with a focus on the impact of the various political aspects involved. Additional emphasis will be placed on how the media influences governmental institutions, policy action/functions and in turn, how the government shapes the way the media disseminates information. Students will learn how to describe social media trends and how they differ from traditional media outlets.

POS 3272 American Civic Life 3.00 Credits

Prerequisite: POS 2041 . This course introduces the student to the principles of civic engagement and commitment to community service. The focus will be on civic leadership and communication from an internal and external perspective. These will be examined on an international, national, state and local level. This course will combine theoretical and practical applications addressing governments, businesses and citizen groups in the development of civic engagement, leadership, sustainability, social change, and the interdependence of social issues, public policy and international impact. Case studies and class exercises are employed to help students develop skills in multi-party negotiations, conflict resolution, resource allocation and decision making. Emphasis will be placed on preparing students for a life dedicated to public service, policy leadership and civic engagement which affect the usual and customary operations of a business or government. Course content is guided by an understanding that the relationship between civic engagement, leadership and public communication in an era of globalization and instant communication is critical to facilitating, mitigating and dealing with the challenges we face in the 21st. century.

PPE 2001 Personality Development 3.00 Credits

Prerequisite: PSY 1012 or PSY 1012H . This course deals with the theories and principles through which individual differences in typical modes of acting, feeling and thinking are acquired. Extensive attention is given to an understanding of the various factors influencing effective as well as ineffective patterns of adjustment, with consideration of the degree to which the individual can, through his/her knowledge and efforts, have an influence on his/her own personality patterns. Social diversity as it relates to the development of personality patterns is incorporated. This course has a substantial writing requirement. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

PRO 1002 Introduction to Orthotics & Prosthetics 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This course focuses on the development of knowledge necessary to understand the lifelong treatment and rehabilitation process as it relates to the delivery of orthotic and prosthetic care. Students will develop a solid foundation of the principles and practice of orthotics and prosthetics.

PRO 1010C Introduction to Basic Fabrication Hand Skills 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the development of psychomotor skills for the application of various orthotic and prosthetic fabrications. Students will develop a solid foundation of knowledge regarding the machinery, tools, and techniques necessary to begin safe fabrication of orthotic and prosthetic devices at the introductory level.

PRO 1131C Material Science 3.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the development of knowledge surrounding the various materials used in orthotics and prosthetics. Students will develop a solid foundation of knowledge regarding textiles and animal hides, polymers, metals, composites, adhesives, solvents, and other materials. Instruction covering each materials' properties, manipulation, safety, and real world application is included.

PRO 1312C Ankle Foot Orthoses Fabrication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of orthotic devices of the foot and ankle. Students will develop the entry-level knowledge and skills necessary to formulate appropriate orthotic fabrication plans, implement the fabrication, and maintain and adjust those devices. Instruction covering a basic overview of the anatomy, biomechanics, and terminology associated with the ankle and foot will also be included.

PRO 1314C Knee Ankle Foot Orthoses 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of orthotic devices extending above the ankle, to include the knee and hip. Students will develop the entry-level knowledge and skills necessary to formulate appropriate orthotic fabrication plans, implement the fabrication, and maintain and adjust those devices. Instruction covering a basic overview of anatomy, biomechanics, and terminology associated with the knee and hip will also be included.

PRO 1315C Leather Work for the Lower Limb Orthosis 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the development of skills unique to fabricating orthotic/prosthetic components with leather. Students will develop a solid foundation of knowledge regarding the machinery, tools, and techniques necessary to successfully work with leather.

PRO 1320C Thermoplastic Orthosis Fabrication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on advanced thermoplastic fabrication procedures for orthotic devices. Students will build upon concepts from basic thermoplastic fabrication designs to more complex, multi-stage thermoplastic fabrication techniques. Instruction covering thermoplastic materials, properties, and various fabrication methods will be included.

PRO 1351C Spinal Orthosis Fabrication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of orthoses of the spine. Student will develop the entry-level knowledge and skills necessary to formulate appropriate orthotic fabrication plans, implement the fabrication, and maintain and adjust those devices. Instruction covering a basic overview of the anatomy, biomechanics, and terminology associated with the spine and trunk will also be included.

PRO 1372C Upper Limb Orthosis Fabrication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of orthoses of the upper limb. Students will develop the entry-level knowledge and skills necessary to formulate appropriate orthotic fabrication plans, implement the fabrication, and maintain and adjust those devices. Instruction covering a basic overview of the anatomy, biomechanics, and terminology associated with the upper limb will also be included.

PRO 1392C Prosthetic Finishing Procedures 1.00 - 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the procedures necessary to finish definitive prosthetic devices both for function and cosmetics. Students will develop the entry-level knowledge and skills necessary to complete the final steps of fabricating definitive prostheses. Instruction covering a basic overview of surface anatomy and the materials utilized will also be included.

PRO 2011C Advanced Procedures 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of complex designs and procedures related to prosthetics. It builds on current prosthetic and orthotic design principles by introducing additional available technologies and trends. Students will develop the entry-level knowledge and exposure necessary to understand the fabrication of orthotic and prosthetic devices at a more complicated level.

PRO 2302C Transtibial Socket Inserts, Alignment and Duplication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of Transtibial socket inserts, their alignment and duplication. Students will develop the entry-level knowledge and skills necessary to fabricate and maintain and adjust those devices. Instruction covering a basic overview of the materials, anatomy, biomechanics, and terminology associated with below knee amputations and their devices will also be included.

PRO 2333C Transfemoral Socket Fabrication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of transfemoral prostheses, their alignment and duplication. Students will develop the entry-level knowledge and skills necessary to fabricate and maintain and adjust those devices. Instruction covering a basic overview of the materials, anatomy, biomechanics, and terminology associated with amputation at the knee disarticulation level and above and their devices will also be included.

PRO 2362C Transradial Prosthesis Fabrication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of partial hand and transradial prostheses. Students will develop the entry-level knowledge and skills necessary to fabricate, maintain and adjust those devices as well as their harnessing systems. Instruction covering a basic overview of the materials, anatomy, biomechanics, and terminology associated with amputations below the elbow and their devices will also be included.

PRO 2363C Transhumeral Prosthesis Fabrication 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This combined lecture and laboratory course focuses on the fabrication of prostheses of amputation levels at and above the elbow. Students will develop the entry-level knowledge and skills necessary to fabricate, maintain and adjust those devices as well as their harnessing systems. Instruction covering a basic overview of the materials, anatomy, biomechanics, and terminology associated with amputations at and above the elbow and their devices will also be included.

PRO 2804C Technician Practicum 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This course is designed as a technical rotation in which students observe, assist, and practice orthotic and prosthetic fabrication in an environment that prepares them for their career. Students apply traditional and emerging topics taught in previous required courses at an orthotic and prosthetic facility to practice skills under close supervision. Students are required to document fabrication projects they are exposed to during the rotation time period.

PRO 2860C Board Exam Review 2.00 Credits

Admission to: ORTHO-AS: Orthotics and Prosthetics Technology . This course is designed to assess the student's comprehensive knowledge of orthotic and prosthetic fabrication. Prior course work is synthesized through cumulating, comprehensive written and practical examinations. Students in this course are required to successfully complete and pass all culminating exam materials.

PSC 1121 DANTES Principles of Physical Science 3.00 Credits

Minimum score of 52

PSC 1191L Laboratory in the Physical Sciences 1.00 Credits

Laboratory course that will cover a combination of Physical Sciences including labs in Astronomy, Chemistry, Earth Science, Geology, Oceanography, and Physics.

PSY 1012 General Psychology 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or an appropriate score on the SPC Placement Test . This course is an introduction to the field of psychology. It includes the history, scientific methodology, major theoretical schools of thought, various approaches to interpersonal functioning, and human development. The psychological application of ethics as well as social and

cultural diversity are integrated into the course. This course partially satisfies the writing requirements outlined in the General Education Requirements. Credit is not given for both PSY 1012 and PSY 1020H or IDS 1610.

PSY 1012H Honors General Psychology 3.00 Credits

Other: Appropriate score on the college placement test or Permission of the Program. This course is an advance-level introduction to psychology. This course will emphasize the evaluation and synthesis of psychological concepts by examining the history, scientific methodology, major theoretical schools of thought, various approaches to interpersonal functioning, and human development. The effects of ethnicity, age, race, and gender are integrated into the study of this course. This course will have a substantial writing assignment. This course partially satisfies the writing requirement as outlined in the General Education Requirements. (Note: Credit is only given for PSY 1012 or PSY 1012H.)

PSY 2949 Co-op Work Experience 1.00 - 3.00 Credits

Prerequisite: Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. Co-op courses may be repeated but total credits shall not exceed twelve.

PUP 3002 Introduction to Public Policy and Administration 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration . This course will provide a basic foundation in the conceptual frameworks, research perspectives and practical considerations of policy origination, interpretation/implementation and organizational behavior management within public organizations. The emphasis will be on critical thinking and a problem solving approach to improving organizational performance. Course content is guided by the practical aspects of theory, research, best practices, and the past and current real world experience of managers.

PUP 3033 Policy Leadership 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration and Prerequisite: PUP 3002 and PUP 3040 . This course introduces students to the relationship between leadership and policy and the organizational dynamics that influence the implementation of public policy. Students will experience all phases of developing policy, from identifying stakeholders and their competing perspectives, to determining factors that impact the sustainability of public policy. Emphasis will be placed on the varying leadership styles used to work with diverse groups and in one-on-one interactions for the purpose on influencing policy development, analysis, decision making, implementation, and improvement.

PUP 3040 State and Local Government and Public Policy 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration and Prerequisite: PUP 3002 . This course will provide a basic foundation in public policy as it relates to state and local governmental institutions. Students will be introduced to conceptual frameworks, research perspectives, and practical and political considerations. The emphasis will be on critical thinking, the art of negotiation, diplomacy, problem solving and decision making using current real world applications.

PUP 3043 Evaluating Public Policy (Research Methods I) 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration and Prerequisite: PUP 3002 . This course will provide an introduction to research methods used in public policy and administration. The student will be introduced to several concepts including initiating and organizing a research study, appropriate study designs, measurement of variables, sampling techniques, use of surveys and protection of human subjects and other ethical issues.

PUP 3046 Policy Data Analysis (Research Methods II) 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration and Prerequisite: PUP 3043 . This course will provide an introduction to statistical research methods used in public policy and administration. The student will be introduced to strategies for data analysis including correlation, simple linear regression, hypothesis testing, use of indices and effective communication of research findings in public policy and administration.

PUP 3052 Issues in International Policy 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration . This course provides students with an overview of contemporary international issues and the knowledge necessary to engage in a detailed examination and constructive discussion of these issues. Focus is placed on three broad categories: conflict, security and terrorism; globalization and the international economy; and, international human rights and justice. Students will craft solutions to these issues and present them in a peer group setting. Students will learn about important geographical and geostrategic factors contributing to the menu of political crises examined. The class is debate-driven, meaning issues are examined based on differing viewpoints and the merits of each. Students will engage in a substantive case study of international diplomacy through the use of a Model UN Module, where students will represent nations, draft written submissions, and engage in debate about a current issue in the international arena.

PUP 3054 Policy and Ethics 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration . This course will introduce students to policy and ethics as a process of reasonable, rational and responsible decision making in the workplace. The student will analyze policy, political and ethical issues that managers and public organizations face in today's environment.

PUP 3055 Public Policy and Negotiation 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration . This course provides a basic foundation into the principles of dispute resolution and consensus-building on public disputes, policy development and program implementation. Emphasis will be placed on combining theoretical and practical applications addressing government, business and citizen groups in managing public disputes and policy making development. Federal, state and local case studies and exercises are employed to help students develop skills in multi-party conflict analysis, assessment for dispute resolution intervention, and negotiation and facilitation processes. Course content is guided by an understanding that social and economic growth has a direct impact on the timing, tolerance, politics and power involved in the dynamics of conflict resolution and consensus building.

PUP 3823 Emergency and Crisis Communications 3.00 Credits

Admission to: PPA-BS: Public Policy and Administration and Prerequisite: POS 3235 . This course introduces the student to the principles of crisis communications from both an internal and external perspective on international, national, state and local levels. This course will combine theoretical and practical applications addressing governments, businesses and citizen groups in the development of communication techniques and the basic principles of crisis management. Case studies and class exercises are employed to help students develop skills in multi-party negotiations, conflict resolution, crisis and resource allocation and decision making. Emphasis will be placed on introducing students on how to prepare senior leadership to respond to the dynamic nature of media perception and public opinion during crisis situations which affect the usual and customary operations of a business or government.

PUP 4941 Public Policy Capstone 3.00 Credits

Prerequisite: Completion of all core courses in the Public Policy and Administration BS program or Permission of the Program. This is the capstone course for the Public Policy and Administration program and will provide the opportunity for the student to demonstrate that he/she has learned both the theoretical material and practical skills from the program and can apply them in the real world. It must be taken during the student's last semester in the program. This course focuses on giving the student the opportunity to develop and present a policy to address a current issue in public policy and administration. The student will choose a topic for a project consistent with the goals of this program and submit it to the course instructor for approval.

PUP 4949 Public Policy and Administration Co-op Work Experience 3.00 Credits

Prerequisite: Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 180 on-the-job hours in addition to written assignments.

QMB 1001 DANTES Business Math 3.00 Credits

minimum score of 48

QMB 3200 Quantitative Methods for Business 3.00 Credits

Admission to: (BUS-BS: Business Administration or MGTORG-BAS: Management and Organizational Leadership or INTBUS-BAS: International Business and) Prerequisite: STA 2023 or QMB 2100 with a minimum grade of C (course not offered at SPC) . This course presents quantitative approaches in business decision making. It provides students with a conceptual understanding of the role that management science plays in the decision making process. This course emphasizes the application of quantitative techniques to the solution of business and economic problems.

REA 0007 Developmental Reading I 0 Credits

Prerequisite: Appropriate score on the SPC placement test. This is a college preparatory reading course designed to develop basic vocabulary skills, reading comprehension and study skills. Three class hours and two lab hours for a total of five hours weekly are required. (Note: A student cannot earn credit in REA 0007 after receiving credit for REA 0017 or REA 1105. Credit for REA 0007 cannot be used toward graduation.)

REA 0009 HS Reading 0 Credits

HS Reading College Success - College Readiness-

REA 0017 Developmental Reading II 0 Credits

Prerequisite: REA 0007 or an appropriate score on the college placement test. This college preparatory reading course improves vocabulary skills, reading comprehension, and study strategies. Three class hours and two lab hours for a total of five hours weekly. (Note: A student cannot enroll in REA 0017 after receiving credit for REA 1105. No credits are awarded for completion of this course.)

REA 0056 Reading Techniques II: My Bridge to Success 0 Credits

Prerequisite: REA 0007 or Appropriate score on the SPC placement test or approval of a Communications Department program administrator. This flexible entry/exit college preparatory course is designed to improve academic vocabulary skills and proficiency in college-level comprehension skills using course modules. Course strategies will include one-on-one instruction, small group instruction, and computer instruction in a lab setting. This course is intended to prepare students for successful completion of college-level courses. No credits are awarded for completion of this course.

REA 1105 Critical Reading and Thinking 3.00 Credits

Prerequisite: REA 0017 or EAP 1695 or appropriate score on the SPC placement test. . This course is designed to develop and enhance literal and critical reading skills and vocabulary. Emphasis is also on critical thinking skills: analysis, interpretation, synthesis, and evaluation. (Note: A student cannot earn credit in REA 1105 after receiving credit for REA 1205.)

RED 3309 Early and Emergent Literacy K-2 3.00 Credits

Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements . This course is designed to increase understanding of early literacy development and the conditions which promote total literacy for children birth to second grade. Language theory and current research are used to shape informed practices regarding literacy development. Connections are made among all aspects of literacy learning including reading, writing, listening, and speaking. The course explores research-based best practices in teaching literacy to young children. It includes a minimum of 15 school-based hours of participation/observation of reading in educational setting(s).

RED 4043 Reading within the Disciplines 5-12 3.00 Credits

Admission to: EPI-CT: Educator Preparation Institute (EPI) or MTSED-BS: Secondary Education Mathematics (6-12) or MGMED-BS: Middle Grades Mathematics Education (5-9) . This course examines the fundamentals of teaching reading including comprehension, fluency, and vocabulary within various disciplines in the secondary grades. The major emphasis of the course is teaching reading as a process to enhance metacognition and support understanding of more complex text, including informational and narrative forms. In addition, a major focus area is using informal and formal reading assessment to guide instruction. This course covers Competencies 1 and 2 of the Florida Reading Endorsement.

RED 4342 Foundations of Research Based Practices of Reading Education and Application of Instruction 3.00 Credits

Permission of the Program: : or Admission to: EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement . This course provides a deeper conceptualization of the principles of scientifically based reading research as the foundation of comprehensive literacy instruction. This course embeds each of the major components of the reading process to assist students in literacy acquisition. Students will apply effective, evidence-based instructional interventions based on data. Students will learn to prevent reading difficulties and promote acceleration of the reading process for all K-12 learners, including those with disabilities and from diverse populations.

RED 4511 Intermediate Literacy 3-6: Reading, Writing and Thinking 3.00 Credits

Admission to: (ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements and Prerequisite: EDG 3620 and RED 3309 or) Admission to: (ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements and Prerequisite: EEX 3241 and RED 3309) . This course is an intermediate reading and writing course that combines the study of theory and practice in the teaching of developmental reading, writing and critical thinking in grades 3-6. The major emphasis of the course is on current theories, methods, and materials used in reading/literacy and writing instruction. Lecture, discussion, simulated teaching and fieldwork constitute different course activities.

RED 4519 Diagnosis and Intervention in Reading for Diverse Students K-12 3.00 Credits

Admission to: (ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements or ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements and) Prerequisite: (RED 3309 and RED 4511) . This course focuses on the knowledge and application of formal and informal reading assessments in the K-12 classroom. Students will complete diagnostic case studies on struggling readers to demonstrate their ability to interpret pre-existing data reports, select and administer appropriate assessments, and analyze data to inform reading instruction. Topics include the use of quantitative and qualitative assessments aligned with the elements of literacy (e.g., comprehension, word recognition, phonemic awareness, phonics, fluency, vocabulary, oral language and writing.) The major emphasis of the course is on diagnosis of reading problems, administration of the assessments, evaluation of results, and planning interventions within a Multi-Tiered System of Support framework. Lecture, discussion, simulated assessment practice, and a diagnostic case study constitute various course activities. This course includes 20 school-based hours of participation/observation of reading in an educational setting.

RED 4541 Foundations of Reading Assessment 3.00 Credits

Permission of the Program: : or Admission to: EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement . Students will select and administer appropriate assessments and analyze data to inform reading instruction and to meet the needs of all K-12 learners. Students will engage in a systematic problem-solving process to identify and remediate reading difficulties for all stages of the reading process including pre-emergent, emergent, early, and fluent. Students will research and implement effective, evidence-based interventions to improve K-12 student learning.

RED 4654 Foundations and Applications of Differentiated Instruction 3.00 Credits

Permission of the Program: : or Admission to: EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement . This course focuses on issues related to differentiated reading instruction. Topics include the requisite knowledge and skills concerning the theory and characteristics of differentiated instruction. Students will apply theory to practice and implement assessment and evaluation methods for diverse K-12 student populations.

RED 4844 Reading Practicum 1.00 Credits

Permission of the Program: or Admission to: EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement . Students apply principles of effective reading assessment and instruction in a K-12 classroom setting. The focus of this course is to assess and to instruct individuals who may be experiencing difficulties in reading, including students with disabilities and English Language Learners (ELL.) Topics include the review of current literacy research in all areas: oral/aural language, phonological awareness, phonics, vocabulary, fluency, and comprehension. Students select, plan, and implement appropriate reading assessments and interventions using a problem-solving approach. Students will spend a minimum of twenty (20) school-based hours in a K-12 classroom or a setting pre-approved by the faculty member teaching the course.

RED 4940 Final Reading Internship 1.00 Credits

Admission to: (ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements and Pre or Corequisite: EDE 4940) or Admission to: (ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements and Pre or Corequisite: EEX 4940) . This course is a culminating practicum to complete the Florida Reading Endorsement. Topics covered in the course include the following: assessing and teaching oral/aural language development, phonological awareness, phonics, fluency, vocabulary, comprehension, and writing. Through systematic data analysis, preservice teachers implement a comprehensive, research-based plan of instruction for their students using a problem-solving approach. Pre-service teachers will work directly with public school K-12 teachers and students in large group, small group, and individual settings to connect literacy theory to classroom practice. (Note: Students will spend a minimum of 5 hours per week for 15 weeks.)

REE 1040 Real Estate Principles and License Law 4.00 Credits

Successful completion of this course is one of the prerequisites to taking the Florida Salesman's licensing examination. Topics include business brokerage operations, property law, deeds, mortgages, financing, taxes, planning and zoning, appraisal, real estate investment and market analysis, public housing, governmental regulations, securities licensing requirements to sell direct participation programs in real estate, in-depth study of the fundamental principles of Florida real estate license law with emphasis on violations of the license law and penal and procedural aspects of its enforcement, ethical issues, and case studies of selected topics in agency and brokerage operations. Also included will be preparation of real estate contracts and closing statements.

REL 1060 Religion and Politics 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or satisfactory score on the SPC placement test. . This course examines the relationship between religion and politics, the interaction between personal conviction and public service. It explores the American commitment to the separation of church and state and how this has shaped the role of religion in society. This American model is then contrasted to the way other cultures interpret the place of religion in a contemporary world.

REL 1210 Old Testament Survey 3.00 Credits

This course is designed to give the student an overview of Old Testament religious perspectives as reflected in the geographical, historical, thematic development, and cultural influences of the biblical text. The study will include an examination of the issues of text integrity, content problems, higher criticism, and theological insights.

REL 1240 New Testament Survey 3.00 Credits

This course is an introductory study of the historical, cultural, literary, and religious concepts in the New Testament. Topics include "the synoptic problem," "the historical Jesus," "the social and economic ideas of the Acts," "the relation of Petrine with Pauline concepts of social classes".

REL 2000 Introduction To Religion 3.00 Credits

This course is a study of the phenomena of religious belief and practice in both primitive and advanced cultures. The course focuses on the universal components of a religious worldview which include concepts of the divine and ultimate reality, origins of the natural and social order, the human problem, dealing with evil, patterns of moral action, and ways to achieve salvation or liberation. Major theories of religion and the impact that these theories have had on society are examined. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

REL 2121 Religion in America 3.00 Credits

This course introduces the student to the unique religious nature of American culture. It begins with indigenous religions of the North American continent and then examines the impact of various religious traditions as immigrants came to America. The course highlights the unique aspects of religion in American history, the key leaders, and the major concepts which have made religion a vital part of American life. The cultural, intellectual and political influence of religion is explored with the goal of appreciating the ongoing tensions in society that are inherent in a commitment to free religious expression.

REL 2300H Honors World Religions 3.00 Credits

Other: Appropriate score on the CPT or PERT test or Acceptance into the Honors program or Approval of the Dean . This course studies the major religious traditions of the world with particular attention given to examining their origins, distinctive worldviews,

and impacts on culture. It stresses the continuing influence of religious convictions in the contemporary setting. Students develop critical tools for analyzing concepts of the sacred, understandings of the human condition, and the ultimate goals of each religion. They evaluate the place and purpose of ritual, symbol, myth, and belief systems in each. This course partially satisfies the writing requirements outlined in the General Education and Enhanced World View Requirements. 47 contact hours.

REL 2300 World Religions 3.00 Credits

Prerequisite: Dev Level 2 Writing Met or satisfactory score on the SPC placement test. This course examines the general characteristics of the major religions of the world. Topics include the nature of religion, Indigenous Religions, Judaism, Hinduism, Buddhism, Jainism, Sikhism, Confucianism, Taoism, Shinto, Christianity, Islam and New Religious Movements. Each is examined in its cultural context, how basic human concerns are addressed, the way purpose for life is defined, and the uniqueness of religious practice. This course partially satisfies the writing requirements outlined in the General Education and Enhanced World View Requirements. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

REL 2955 Study Abroad in Religion 3.00 Credits

Prerequisite: ENC 0025 or EAP 1695 or appropriate score on SPC placement test or permission of the Dean. This course, exclusively for students in the SPC Study Abroad Programs, is designed to offer topics of special interest in religion to students combined with actual travel and study on-site at one or more SPC Study Abroad program partners. Such course offerings include an examination of the influence and interrelationships of religion and culture by experiencing various expressions of religious tenets including literature, philosophy, music, art, and architecture. Specific content will vary depending on the specific study abroad program. The course includes lectures, discussions, field trips and multiple writing experiences. In addition, the course involves extensive orientation and preparation plus careful monitoring of student work and progress while studying abroad.

RET 1007 Respiratory Pharmacology 3.00 Credits

Prerequisite: Admission to the RESC-AS program. This course will provide the student with general pharmacology concepts and principles in the management of client care. The knowledge and skills required for safe, effective administration of therapeutic drugs and indications and contraindications associated with drug therapy are an integral part of this course. This course introduces essential and advanced concepts of pharmacology as related to Respiratory Care. Drugs related to both maintenance and emergency care will be emphasized. Anatomy and physiology of body systems as related to drug therapy will be an integral part of this course. Various problematic states related to cardiopulmonary illness with an emphasis on drug therapy will be discussed. Advanced Cardiac Life Support (ACLS) standards of drug practice will be included.

RET 1024 Fundamentals of Respiratory Care 3.00 Credits

Admission to: RESC-AS: Respiratory Care and Prerequisite: BSC 2086 and BSC 2086L . This 10 unit course is an orientation to the respiratory care practitioner's role in basic respiratory therapies. Students will be introduced to cardiopulmonary anatomy, physiology, pathophysiology and the basic diagnosis and treatment modalities of cardiopulmonary diseases. Students will also explore the use of medical devices and the prevention of infection through universal precautions.

RET 1264 Principles of Mechanical Ventilation 3.00 Credits

Prerequisite: RET 1024 and Pre or Corequisite: RET 1485 . This course will include an introduction to mechanical ventilation and an overview of fundamental principles necessary in the management of critically ill patients requiring mechanical ventilation. Advanced ventilatory techniques used in the treatment of critically ill patients will also be covered.

RET 1485 Cardiopulmonary Physiology 3.00 Credits

Prerequisite: RET 1024 . This is a course covering all aspects of normal cardiopulmonary physiology, and the effects of related systems. Topics include respiratory anatomy, mechanics of breathing, arterial blood gases, pulmonary ventilation/perfusion relationships , gas transport mechanisms of blood, neurologic control of ventilation, cardiac and renal function, and respiratory adjustments in health and disease.

RET 1874L Clinical Practice I 2.00 Credits

Admission to: RESC-AS: Respiratory Care and Prerequisite: completion of Computer Competency requirement . This is a modular course covering the basic respiratory therapy procedures encountered in the student's first clinical practice. Topics include basic life

support, introduction to the clinical affiliate, medical gas therapy and aerosol therapy. Laboratory experience precedes in-hospital care.

RET 1875L Clinical Practice II 2.00 Credits

Prerequisite: RET 1874L . The student will refine those clinical skills introduced in Clinical Practice I. In addition, intermittent positive pressure breathing, chest physiotherapy and sustained maximal inspiratory therapy will be introduced. Laboratory experience precedes in-hospital patient care.

RET 2244 LIfe Support 1.00 Credits

Prerequisite: RET 1007 and current Basic Life Support (BLS) card. . This course is designed to provide instruction regarding algorithms and advanced techniques involved in adult, pediatric and neonatal resuscitation.

RET 2284 Advanced Modalities and Monitoring 2.00 Credits

Prerequisite: RET 1264 . This course shall provide a complete review of the modalities and monitoring techniques employed in the care and evaluation of the critically ill patient. The theory and application of ventilatory devices and techniques will be covered in detail. The course will also focus on the theory and application of invasive and non-invasive monitoring of the critically ill patient.

RET 2414 Diagnostic Procedures and Pulmonary Rehabilitation 3.00 Credits

Prerequisite: RET 1485 . This is a course designed to introduce the student to the diagnostic methods and equipment used to interpret and evaluate the status of patients. Emphasis is on diagnostic techniques used in pulmonary function studies, blood gas analysis, cardiac and pulmonary stress testing, metabolic studies, sleep studies, bronchoscopy and pulmonary rehabilitation. The student will recognize alterations from testing data, be able to interpret these alterations with respect to possible diagnosis, degrees of impairment and recommend a treatment regime. The therapeutic techniques and procedures involved in the home and rehabilitative care of the pulmonary patient will follow the presentation of diagnostic procedures. Clinical experience will occur during Clinical Practice IV.

RET 2450 Cardiopulmonary Assessment 2.00 Credits

Prerequisite: RET 1485 . The integral components of data collection, assessment, and evaluation necessary for effective treatment of patients with cardiopulmonary disorders will be covered in detail in this course. Patient interview, physical examination, laboratory data review, and chest radiograph interpretation will be emphasized.

RET 2484 Pulmonary Disease 2.00 Credits

Prerequisite: RET 1485 and BSC 2086 and BSC 2086L . This course is an introduction to pulmonary diseases. Topics include respiratory infections, COPD, the pneumonconiosis, fibrotic disease, malignant diseases, pulmonary involvement in systemic disease and respiratory failure. Teaching methodology will include lecture, examinations, and class discussion.

RET 2714 Neonatal-Pediatric Respiratory Care 2.00 Credits

Prerequisite: RET 2484 . This course will cover development and physiology of the fetal and neonatal lung including perinatal circulation, pulmonary function in infants, and developmental physiology of the lung. Neonatal pulmonary disorders will be overviewed and the treatment of pediatric patients with an emphasis on respiratory care techniques will be explored.

RET 2876L Clinical Practice III 4.00 Credits

Prerequisite: RET 1875L . This is a modular course reviewing the principles and practice of basic respiratory care techniques. Airway care and critical respiratory care will be introduced. In addition, X-ray and EKG services will be surveyed. Laboratory practice precedes actual patient care. This course may also be taken to fulfill transitional program requirements.

RET 2877L Clinical Practice IV 4.00 Credits

Prerequisite: RET 2876L . The student will continue to practice critical respiratory care. Laboratory as well as clinical introductions to cardiopulmonary testing will be included with an emphasis on pulmonary function testing and blood gases. In addition, students will rotate through surgery and the recovery room. Laboratory experience precedes in-hospital practice.

RET 2878L Clinical Practice V 4.00 Credits

Prerequisite: RET 2877L . This course will continue to refine those respiratory care techniques applicable to the critically ill patient with an emphasis on prolonged mechanical ventilation. A laboratory review of the most commonly used ventilators with an emphasis on practical applications will occur. Pediatric and neonatal respiratory care rotations will be included with an emphasis on hands-on clinical practice. Refinement of pulmonary function testing and blood gases skills will be continued.

RET 2879L Clinical Practice VI 4.00 Credits

Prerequisite: RET 2878L . This is the last clinical practice course with completion leading to graduation from the Respiratory Care Program. It will include pediatric and neonatal respiratory care, home respiratory care, as well as a section for review of all phases previously covered. A "C" or better must be achieved on the Clinical Practice VI Comprehensive Written Program Examination in order to complete the course of study and obtain the award of the Associate in Science in Respiratory Care.

RET 2935 Medical-Surgery Aspects of Respiratory Care 2.00 Credits

Prerequisite: RET 2484 . The general principles of medicine and surgery as they apply to respiratory care will be presented in a series of individualized learning packages and supplemented by guest physician lectures. In addition, other topics pertinent to respiratory care will be presented including special procedures, new concepts and treatment modalities, diagnostic tests, and conditions causing impairment to the pulmonary system not covered elsewhere in the curriculum.

RET 3050 Evidence Based Medicine in Respiratory Care 3.00 Credits

Admission to: and Respiratory Care Subplan and Prerequisite: HSA 3702 and (HSA 3104 or HSA 4184) or Permission of the Program: Respiratory Care . This course focuses on statistical analyses, peer reviewed research databases, understanding systematic and meta-analysis reviews, and evidence based research in the current respiratory care literature, evidence based medicine and integrating evidence based research into practice as a respiratory therapist and health services administrator will be emphasized.

RET 4285 Advanced Cardiopulmonary Medicine 4.00 Credits

Other: Admission to: HSA-BAS, Bachelor of Applied Science, Respiratory Care subplan and Prerequisite: (HSA 3104 or HSA 4184) or Permission of the Program: Respiratory Care . This course focuses on the theories, concepts and principles of management of the cardiopulmonary compromised patient. Current trends in critical care medicine will be examined.

RET 4494 Advanced Cardiopulmonary Pathophysiology 4.00 Credits

Admission to: and Respiratory Care Subplan and Prerequisite: (HSA 3104 or HSA 4184) or Permission of the Program: Respiratory Care . This course explores a broad range of abnormalities in the physiologic functioning of the human cardiopulmonary system. Additional topics include the etiology, pathogenesis, and clinical manifestations of related systems to include the digestive, renal, nervous and endocrine systems. Course content prepares the credentialed Respiratory Therapist to distinguish between health and non-health of related systems

RET 4524 Patient Education & Disease Management 3.00 Credits

Other: Successful completion of an AS in Respiratory Care from a regionally accredited institution. and Current and valid Registered Respiratory Therapist (RRT) credential. This course is an introduction to the evolving role of respiratory therapists in health care with a focus in the area of patient education for those with respiratory disease. Students will discuss how to provide educational methodologies involving disease self-management for acute and chronic cardiopulmonary illness. Topics will include pulmonary disease education for asthma, chronic obstructive pulmonary disease (COPD), cystic fibrosis, interstitial lung disease, lung cancer, and pulmonary hypertension.

RET 4715 Advanced Neonatal and Pediatric Respiratory Care 4.00 Credits

Admission to: and Respiratory Care Subplan. and Prerequisite: (HSA 3104 or HSA 4184) or Permission of the Program: Respiratory Care . This comprehensive course focuses on advancing the knowledge of the respiratory therapy student from basic disease knowledge and treatment to innovative and novel modalities in the treatment of critically ill neonatal and pediatric respiratory patients.

RET 4912 Respiratory Care Capstone 4.00 Credits

Other: Associate of Science degree in Respiratory Care from a regionally accredited institution; and Current and valid Registered Respiratory Therapy (RRT) credential. . This capstone course, taken in the final semester of the program, is designed to provide students an opportunity to further develop and assess their knowledge of advanced adult critical care or advanced neonatal and pediatric respiratory care. Students will prepare to take the National Board of Respiratory Care (NBRC) Neonatal Pediatric Specialty exam or the Adult Critical Care Specialist exam. Students will work with a mentor to explore the professional roles available to them and to evaluate the required skills needed for those roles.

RMI 1201 Principles of Property and Liability Insurance 3.00 Credits

This is an introductory course that provides an overview that covers basic property and liability insurance principles such as risk management, regulation, performance, marketing, underwriting, claims, contracts, and loss exposures.

RMI 2113 Personal Insurance 3.00 Credits

This is the second of three courses in the Insurance Services AS program. The intent of the course is to provide an overview of personal lines insurance, including an introduction to fundamental automobile, homeowners, life, health and disability concepts, practices, and current market trends. It is strongly recommended that students complete RMI 1201 prior to taking RMI 2113.

RMI 2213 Commercial Insurance 3.00 Credits

Prerequisite: RMI 1201 . This is the third of three courses in the AS, Insurance Services program. The intent of this course is to provide an overview of commercial lines insurance, including an introduction to fundamental property, liability, automobile, crime business income, workers compensation practices, and current market trends. It is strongly recommended that students complete RM 2113 prior to this course.

RTE 1000 Orientation to Radiography 3.00 Credits

Admission to: RAD-AS: Radiography . This course provides an orientation to the profession of radiography. Topics include the history and organization of the profession, body mechanics, emergency situations, infection control, aseptic techniques, evaluating patient physical needs, patient education, and venipuncture in radiography. Patient care in radiography will also be included.

RTE 1418 Principles of Imaging I 2.00 Credits

Prerequisite: MAC 1105 and Pre or Corequisite: RTE 1418L . The objective of this course is to provide an introduction to basic principles of radiographic exposure and processing. Topics include receptor exposure, contrast, spatial resolution, distortion, latent image formation and processing.

RTE 1418L Principles of Imaging I Lab 1.00 Credits

Prerequisite: MAC 1105 and Pre or Corequisite: RTE 1418 . This course is designed to provide the student an opportunity to apply radiographic exposure principles in the energized laboratory. Topics include radiographic density, contrast, definition, distortion, and computed radiography (CR) processing. Two laboratory hours weekly.

RTE 1458 Principles of Imaging II 3.00 Credits

Prerequisite: RTE 1418 and Pre or Corequisite: RTE 1473L . The objective of this course is to provide advanced, comprehensive instruction and discussion in principles of radiographic exposure. Topics include detailed instruction in the control of exposure and quality using kilovoltage peak (kVp), milliampereseconds (mAs), Source Image Distance (SID), geometric factors, beam restrictors, grids, filters, properties of x-ray tubes, and fluoroscopy. Tube rating charts, technique charts and selected topics in quality assurance are included.

RTE 1473L Radiographic Quality Assurance Lab 1.00 Credits

Prerequisite: RTE 1418 and Pre or Corequisite: RTE 1458 . This course is a laboratory course providing the student an opportunity to apply radiographic principles and accessories in the energized laboratory. Topics include receptor exposure, contrast, spatial resolution, distortion, radiographic grids, filtration, compensating filters, CR processing, beam restriction and quality control.

RTE 1503C Radiographic Procedures I 3.00 Credits

Admission to: RAD-AS: RADIOGRAPHY . This course is a study of radiographic anatomy, physiology, and positioning for radiologic examinations of the chest, abdomen, pelvis, bony thorax, spine and extremities.

RTE 1503L Radiographic Procedures I Lab 1.00 Credits

Pre or Corequisite: RTE 1503C . This course is a laboratory study of basic anatomy and positioning of the chest, abdomen, pelvis, bony thorax, spine and extremities for radiographic procedures.

RTE 1513C Radiographic Procedures II 2.00 Credits

Prerequisite: RTE 1503C . This course is a study of radiographic anatomy, physiology, and positioning of radiologic examinations of the skull and facial bones. Procedures requiring the use of contrast materials within the digestive system, and urinary system, and other special studies as well as the pharmacology of contrast agents will also be studied.

RTE 1513L Radiographic Procedures II Lab 1.00 Credits

Prerequisite: RTE 1503C and RTE 1503L and Pre or Corequisite: RTE 1513C . This is a laboratory study of basic radiographic anatomy. The course includes the positioning of the urinary system, digestive system, breasts and cranium.

RTE 1804L Radiographic Clinical Education I 3.00 Credits

Prerequisite: RTE 1000 and RTE 1503C and RTE 1503L and RTE 1418 . This is an introductory clinical course meeting at local hospitals to give the student an opportunity to apply theoretical concepts taught in classroom courses. Topics include basic positioning of the chest, abdomen, extremities and Gastrointestinal Series (GI)contrast examinations. Basic patient care procedures, radiation protection practices and radiologic exposure and processing principles are introduced.

RTE 1814L Radiographic Clinical Education II 5.00 Credits

Prerequisite: RTE 1804L and RTE 1513L and RTE 1513C . This course is a continuation of Radiographic Clinical Education I. Topics include positioning of the urinary tract, spine and basic skull exams. Intermediate-level patient care procedures, radiation protection practices, radiologic exposure principles and the use of radiographic accessories are introduced.

RTE 2385 Radiation Biology 2.00 Credits

Admission to: RAD-AS: Radiography . The objective of this course is to provide the student with fundamental principles of radiobiology. Topics include early and late effects of radiation exposure, basic interactions of ionizing radiation with biological systems, factors modifying the body's response to radiation, principles of radiation protection and radiation monitoring.

RTE 2563 Advanced Medical Imaging 3.00 Credits

Prerequisite: RTE 1513C . This course is the study of sectional anatomy, special radiographic procedures, advanced radiologic modalities, registry review and employability skills. Topics specifically addressed include invasive and noninvasive specialized radiographic studies, Computed Tomography (CT), Magnetic Resonance Imaging (MR) and Cardiovascular procedures (CV) and Mammography.

RTE 2571L Computed Tomography Clinical Education 2.00 Credits

Permission of the Program: Proof of certification through the ARRT and licensure in Radiography, Nuclear Medicine or Radiation Therapy. . This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This computer assisted tomography clinical course meets at local hospitals and out-patient facilities to give the student an opportunity to apply theoretical concepts to clinical situations. Topics include patient care, imaging procedures, physics and instrumentation. Approximately eight clinical laboratory hours weekly.

RTE 2576L Magnetic Resonance Imaging Clinical Education 2.00 Credits

Permission of the Program: Proof of certification through the ARRT and licensure in Radiography, Nuclear Medicine or Radiation Therapy. . This course is offered to Radiographers, Nuclear Medicine Technologists and Radiation Therapists currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This is a Magnetic Resonance Imaging clinical course meeting at local hospitals and out-patient facilities to give the student an opportunity to apply theoretical concepts taught in the didactic portion of the program to clinical situations. Topics include patient care, MRI safety, imaging procedures, data acquisition and processing and physical principles of image formation. Eight hours of clinical laboratory instruction weekly.

RTE 2582L Cardiovascular-Interventional Clinical Education 2.00 Credits

Permission of the Program: Proof of certification through the ARRT and licensure in Radiography, Nuclear Medicine or Radiation Therapy. . This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This cardiovascular-interventional clinical education course meets at local hospitals to give the student an opportunity to apply theoretical concepts to clinical situations. Topics include patient care and monitoring, general and specific imaging procedures, and equipment instrumentation.

RTE 2584L Basic Mammographic Clinical Education 2.00 Credits

Permission of the Program: Proof of certification through the ARRT and licensure in Radiography, Nuclear Medicine or Radiation Therapy. . This course is offered to Radiographers currently registered and in good standing with the American Registry of Radiologic Technologists (ARRT). This mammographic clinic education course meets at local hospitals and imaging centers to give the student an opportunity to apply theoretical concepts to clinical situations. Topics include patient care and education, imaging procedures, positioning, instrumentation and applied techniques. Approximately eight clinical laboratory hours weekly.

RTE 2782 Radiographic Pathology 2.00 Credits

Admission to: RAD-AS: Radiography . The objective of this course is to introduce the disease processes most frequently encountered in the radiology department. The etiology, pathogenesis, treatment, and resolution of each disease is discussed with an attempt to relate recent advances in these areas. Emphasis is placed on radiologic diagnosis and the relationship of the radiographic appearance of the disease to its anatomic, physiologic, and pathologic characteristics.

RTE 2824L Radiographic Clinical Education III 5.00 Credits

Prerequisite: RTE 1814L and RTE 1458 and RTE 1473L . This course is a continuation of Radiographic Clinical Education II. Topics include advanced skull exams, contrast media exams, special procedures in the radiology department, adaptation of technical factors and positioning for difficult patients, advanced radiation protection procedures, and advanced patient care techniques.

RTE 2834L Radiographic Clinical Education IV 4.00 Credits

Prerequisite: RTE 2824L . This course is a continuation of Radiographic Clinical Education III. Topics include positioning of the traumatized patient, adaptation of technical factors to obtain optimum radiographic image quality, advanced specialized radiologic procedures, mobile radiography and surgical procedures.

RTE 2844L Radiographic Clinical Education V 5.00 Credits

Prerequisite: RTE 2834L . This course is a continuation of Radiographic Clinical Education IV. The objective of this course is to prepare the student for a career as a medical radiographer. All clinical aspects are reviewed and emphasis is placed on radiography of the difficult patient, good radiation protection practices and application of sound patient care procedures in the radiology department.

RTE 2949 Co-op Work Experience 1.00 Credits

Prerequisite: Permission of the Program. A course designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. Co-op courses may be repeated but total credits shall not exceed twelve.

SCE 3030 Science Matters 2.00 Credits

This course is designed to promote an awareness of how teachers can engage teenage students in learning and make science matter to them. Course topics include readings and discussions pertinent to Next Generation Sunshine State Standards, and/or Common Core State Standards and pedagogy for teaching science. A central theme of the course is the connections between fields of science, and applications to modern life. Class activities will provide opportunity for students to review and explore topics from biology, physical science, astronomy, ecology and earth science. The course addresses specific Next Generation Sunshine State Standards, and/or Common Core State Standards and pedagogy pertinent to the discipline and required for certification, and will serve as a fundamental science content review in preparations for teaching, and for taking Florida Subject area exams, as well as exploring the fundamental concepts of science literacy for all students.

SCE 3420C Physical Science for Middle Grades Teachers 4.00 Credits

Prerequisite: CHM 1025 or appropriate score on the Natural Science placement test . This course is a study of the fundamental concepts of physical science as part of preparation for teaching science in grades 5-9. General topics will include: Newtonian mechanics, force, motion, energy, momentum, magnetism, electricity, light, sound and gravity. Chemistry topics will include the nature of elements, compounds, and mixtures; chemical and physical properties of matter; chemical reactions and nuclear processes. Although knowledge of basic algebra and mathematical skills are required, the course is focused on the conceptual understanding of physical principles rather than on mathematical manipulations. An integrated laboratory component will stress the importance of evidence, observations, experimentation, logic, and argument, and provide students with the knowledge and skills necessary for conducting demonstrations and laboratory investigations in the middle school setting. This course is designed for majors in the Middle School General Science, 5-9 program, and addresses specific Next Generation Sunshine State Standards, and/or Common Core State Standards and pedagogy pertinent to the discipline and required for certification.

SCE 3941 Secondary Science Field Experience (6-8) 1.00 Credits

Admission to: MGSED-BS: Middle Grades General Science Education (5-9) or BSCED-BS: Science Teacher Education, Biology Teacher Education (6-12) or Pre or Corequisite: SCE 3945 . This course is designed for students who will be obtaining science teacher certification. Students will spend 60 school based hours in a middle school science classroom, working with a mentoring teacher. This course addresses specific Next Generation Sunshine State Standards, and/or Common Core State Standards and pedagogy pertinent to the discipline and required for certification.

SCE 3945 Interactive Projects that Promote Learning in Science 3.00 Credits

Admission to: BSCED-BS: Science Teacher Education Biology Teacher Education (6-12) or MGSED-BS: Middle Grades General Science Education (5-9) or Pre or Corequisite: SCE 3941 . Topics for this course include; cognitive needs of middle school students, objective based lesson planning, Inquiry science, effective communication, and classroom management. This course is designed to integrate science coursework with practical experience for students preparing to in a middle school science classroom, and students must be enrolled in the field based co-requisite course SCE 3941. The course addresses specific Next Generation Sunshine State Standards, and/or Common Core State Standards, and pedagogy pertinent to the discipline and required for certification.

SCE 4113 Science Concepts in the Elementary Classroom 3.00 Credits

Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements . This is an introductory course designed to prepare individuals to teach general science programs at the elementary grade level. Students will explore fundamental concepts and principles found in the physical and biological sciences with emphasis on chemistry, earth science and biology. Through the lens of history and the nature of science, students will also explore the relationships between science and everyday life.

SCE 4144 Professional Issues in Science Education 3.00 Credits

Admission to: MGSED-BS: Middle Grades General Science Education (5-9) . This course tackles the challenge of transforming Florida State Standards into a cohesive plan for instruction in middle school and secondary science classrooms. Students will examine issues related to science education that encompass the history of science curriculum reform, impact of public policy on teaching and assessment, principles of professional conduct and ethical standards, instructional strategies related to high student achievement, and science instruction in the context of the Nature of Science (NOS). Activities in this course will strengthen the student's ability to plan for scaffolding and articulation of content lessons, student activities and assessment. This course addresses specific pedagogy pertinent to science education and required for certification.

SCE 4330 Secondary School Science & Assessment with Technology 3.00 Credits

Admission to: [BSCED-BS: Science Teacher Education Biology Teacher Education (6-12)](#) or [MGSED-BS: Middle Grades General Science Education (5-9)](#) or Prerequisite: Initial Certification or Recertification and Pre or Corequisite: [SCE 4940](#) . This course provides instruction in the knowledge and skills needed for students to become effective teachers of high school science. Topics for this course include: cognitive needs of high school students, objective based lesson planning with assessment, effective instructional communication and questioning techniques, multimedia instruction, and use of technology. Practical experience in planning, implementing, assessing, and evaluating science instruction will be provided. This course is designed to integrate science coursework with practical experience for students preparing to teach in a secondary school science classroom. Students must be enrolled in the field based co-requisite course SCE 4940. The course addresses specific Next Generation Sunshine State Standards, and/or Common Core State Standards, and pedagogy pertinent to the discipline and is required for certification.

SCE 4832 Science Concepts and Procedures in the P-12 Classroom 1.00 Credits

Admission to: [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#) or Prerequisite: Permission of the Program . This course introduces conceptually and developmentally appropriate science content based on the methods for teaching science as inquiry based on the content areas identified by the state Next Generation Sunshine State Standards and/or Florida Standards. Within these domain areas, students will learn content related to Earth and Space Science, Life Science, Nature of Science, and Physical Science. This course addresses specific Next Generation Sunshine State Standards, and/or Florida Standards, subject matter competencies and pedagogy pertinent to the discipline and required for teacher certification.

SCE 4940 Instructional Methods in Secondary Science & Assessment with Technology Practicum 1.00 Credits

Admission to: ([BSCED-BS: Science Teacher Education Biology Teacher Education (6-12)](#) or [MGSED-BS: Middle Grades General Science Education (5-9)](#)) and Pre or Corequisite: [SCE 4330](#) . This course is designed for students who will be obtaining teacher certification in science education. Students spend a minimum of 60 school-based hours in science classroom grade 6-12. The course addresses specific Next Generation Sunshine State Standards, and/or Common Core State Standards, and pedagogy pertinent to the discipline and required for certification.

SCE 4942 Internship: Secondary Science Education 6-12 12.00 Credits

Prerequisite: Successful completion of all Science Teacher Education Biology Teacher Education 6-12 program requirements and appropriate score on the General Knowledge and Professional Education Exam . This course requires a teacher candidate to demonstrate competency on the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level during one semester of full time internship in a 6-12 public or private school setting as approved by the College of Education. Teacher candidates must assume full-day teaching duties for a minimum of six weeks during the fifteen week internship. The internship also includes mandatory on-campus seminars.

SCE 4943 Internship: Middle Grades General Science Education 5-9 12.00 Credits

Prerequisite: Successful completion of all Middle Grades General Science, 5-9 Education BS program requirements and appropriate score on the General Knowledge and Professional Education Exam . This course requires a teacher candidate to demonstrate competency on the Florida Educator Accomplished Practices (FEAPs) at the pre-professional level during one semester of full time internship in a 5-9 school setting as approved by the College of Education. Teacher candidates must assume full-day teaching duties for a minimum of six weeks during the fifteen week internship. The internship also includes mandatory on-campus seminars.

SLS 1101 The College Experience 3.00 Credits

This course is designed to strengthen skills essential to success in college, with further applications to post-college plans. Included are study and test-taking strategies; effective interpersonal skills; time management techniques; creative and critical thinking skills; college services and resources; educational policies, procedures, regulations and terminology; and library resources, research strategies, and information skills for online, blended, and traditional learning environments. Students testing into one or more college prep courses are required to take SLS 1101.

SLS 1126 Faculty-Peer Mentoring Experience 1.00 Credits

Pre or Corequisite: [SLS 1101](#) . Mentoring refers to a formalized process whereby a student is positively socialized by his or her mentor(s) into the college experience and the college community. The student will participate in mentoring relationships that will

include one or more members of the SPC community. The mentor will assist the student in developing a skillset, a level of awareness, and a network to increase the likelihood of success in college. Students testing into one or more college prep courses are required to take SLS 1101 and SLS 1126.

SLS 1264 Leadership Development Seminar 3.00 Credits

This course focuses on the development of leadership skills. It provides a basic understanding of leadership and group dynamics theory and will assist the student in developing a personal philosophy of leadership and an awareness of the moral and ethical responsibilities of leadership. Topics include decision making, leadership ethics, goal formation, building trust, empowering others, conflict resolution, and managing organizational change. The course will integrate readings and films from classic works of literature, contemporary multi-cultural writing, and experiential learning exercises with current leadership theories and practices.

SLS 1301 Career and Life Planning 1.00 - 3.00 Credits

This course assists students in identifying aptitudes, interests, and values as related to career decision-making and is individualized to personal lifestyles. Employment and future trends in careers will be explored.

SLS 1501 Study Skills for Academic Success 1.00 Credits

This is a course to develop academic study skills, including strategies for time management, vocabulary building, reading, listening, note-taking, test-taking, memory, library research skills, and coping with test anxiety. It is designed to increase students' confidence and competence in study skills techniques. Recommended for students who wish to improve the skills necessary for academic success.

SLS 1711 Peer Classroom/Laboratory Tutoring and Proctoring 2.00 - 3.00 Credits

Under the supervision of an instructor, the student (hereafter called "tutor") does peer tutoring/proctoring in individualized classroom or laboratory learning situations. The emphasis is on the one-to-one helping relationship in an academic area in which the peer tutor/proctor has competence. (Note: A maximum of 8 credits can be received for this course. 4 contact hours, 2 credit hours; 6 contact hours, 3 credit hours.)

SLS 2223 Stress Management 1.00 Credits

This course is designed to assist the student in understanding the concept of stress, identifying the causes and effects of stress, and identifying and implementing methods of modifying and coping with stress. Emphasis will be placed on promoting self-awareness of personal stresses and choosing appropriate interventions for the management of stress.

SOP 2002 Social Psychology 3.00 Credits

Prerequisite: (PSY 1012 or PSY 1012H) or SYG 2000 . This course is an introduction to the subject and methods of social psychology. Emphasis is placed on the socialization process, the formation of attitudes, changes in attitudes, social interaction, and behavior in groups in one's sub-cultures and communities. This course has a substantial writing requirement.

SPC 1017 Introduction to Speech Communication 3.00 Credits

Prerequisite: (ENC 0025 or ENC 0056 or ENC 0027 or EAP 1695) or satisfactory score on the SPC placement test . This course presents the various components of human communication and the communication process. Topics include perception, critical listening and thinking, verbal and nonverbal communication, intercultural communication, interpersonal communication, small group communication, and gender communication. Students will compose and analyze messages that adapt to different audiences and will construct effective presentations for face-to-face and multi-media environments. This course partially satisfies the writing requirements as outlined in General Education Requirements. Credit is only given for one of the following: SPC 1017 or SPC 1017H. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

SPC 1017H Honors Introduction to Speech Communication 3.00 Credits

Prerequisite: Appropriate score on the SPC placement test or acceptance into the Honors College or approval of program director. This course is designed to provide an understanding of the principles and procedures that promote effective communication. The course will be concerned with the functions that speech communication serves as well as the examination of the various contexts in which communication occurs and the constraining factors that affect communication. Emphasis will be placed on the exploration

of the theory and practice in presenting public speeches; determination of communication purpose, situational materials, language usage, and message orientation to designated listeners. This course partially satisfies the writing requirements as outlined in General Education Requirements. Credit is only given for one of the following: IDS 1101H, SPC 1017, or SPC 1017H.

SPC 1060T Principles of Public Speaking - Dantes 3.00 Credits

Dantes Test

SPC 1065 Speaking for Professionals 3.00 Credits

Prerequisite: (ENC 0025 or EAP 1695) or satisfactory score on the SPC placement test . This is a practical and applied course designed to meet the needs of the professional community. The course will apply the various components of human communication and communication processes in a professional setting. Topics will include: public speaking, interviewing, leadership skills, conflict management, listening, nonverbal communication, and small group communication. Students will compose and analyze messages that adapt to different audiences and construct effective presentations for face-to-face and multi-media environments. This course partially satisfies the writing requirements as outlined in the General Education Requirements.

SPC 1608H Honors Public Speaking 3.00 Credits

Prerequisite: appropriate score on the college placement test or Permission of the Program. This course offers practical experience in a variety of forms of public speaking with an emphasis on argumentation and persuasion to improve the student's ability to transmit a well-researched, cogent, thoughtful message adapted to a particular audience. Emphasis is also placed on the study of effective aural communication. Students will engage in critical thinking and rhetorical criticism exercises. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for SPC 1608 or SPC 1608H.)

SPC 1608 Public Speaking 3.00 Credits

Prerequisite: ENC 0025 or ENC 0056 or ENC 0027 or EAP 1695 or satisfactory score on the SPC placement test. . This course offers practical experience in a variety of forms of public speaking, with the focus on development of critical thinking, public address, audience analysis, and research. The student will evaluate the principles of speaking and listening skills and will learn techniques for speech analysis. This course partially satisfies the writing requirements as outlined in the General Education Requirements. Credit is not given for both SPC 1608 and SPC 1608H.

SPC 1631 Women and Communication 3.00 Credits

Prerequisite: (SPC 1017 or SPC 1017H or SPC 1608 or SPC 1608H) and (ENC 1101 or ENC 1101H) . This course examines patterns of communication, including women's public discourse in the U.S and worldwide. The social and cultural significance of women's participation in public discourse is assessed to understand the influence on diverse audiences in local and global communities. Students will explore the impact of women's communication and public discourse pertaining to leadership and will research speaker credibility and the nature of arguments in primary current and historical materials. Students will improve skills in critical thinking and analysis by recognizing the impact of women's communication.

SPC 2300 Interpersonal Communication 3.00 Credits

Prerequisite: ENC 1101 or IDS 1101H or ENC 1101H . This course is designed to provide an understanding of effective interpersonal communication behaviors and skills. The course is concerned with verbal and nonverbal elements affecting communication between individuals in family, peer group and work contexts. Students examine concepts and theories relevant to initiating, developing, modifying, maintaining, and terminating relationships with emphasis on the role of communication in the process. Lecture, discussion, in- and out-of-class observations, and applied assignments will be used to increase student knowledge and behavioral competence in interpersonal communication.

SPC 2541 Persuasion and Media 3.00 Credits

Prerequisite: (SPC 1017 or SPC 1017H or SPC 1608 or SPC 1608H) and (ENC 1101 or ENC 1101H or IDS 1101H or IDS 1111H) . This course examines the role of persuasion in public and social life. Students will be introduced to key concepts and theories of persuasion from a variety of historical and contemporary perspectives. Students will use these concepts to create, analyze, and respond to persuasive messages.

SPM 3154 Principles of Sports Management 3.00 Credits

Admission to: [MGTORG-BAS: Management and Organizational Leadership](#) or [BUS-BS: Business Administration](#) or [SUSMGT-BAS: Sustainability Management](#) or [TMGT-BAS: Technology Development and Management](#) . This introduction to the professional area of sport management discusses basic philosophy and principles of sport at all levels. The term sport refers to all recreational competitive sports, exercise and fitness activities, and dance. Management encompasses the activities associated with administration, supervision, and leadership.

SPM 4104 Sports Facility and Event Management 3.00 Credits

Admission to: [MGTORG-BAS: Management and Organizational Leadership](#) or [BUS-BS: Business Administration](#) or [SUSMGT-BAS: Sustainability Management](#) or [TMGT-BAS: Technology Development and Management](#) . Facilities and Event Management will provide a basic understanding of the event management process as it relates to sports. Students will explore costs and revenue streams, marketing strategies, community and media partnerships, risk management, and contemporary issues.

SPN 1120 Elementary Spanish I 4.00 Credits

This course introduces students to the four skills (listening, speaking, reading and writing) of the Spanish language and teaches students to appreciate the cultures of Spanish speaking countries. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/). (Note: Credit is only given for SPN 1120 or SPN 1120H.)

SPN 1120H Honors Elementary Spanish I 4.00 Credits

Prerequisite: appropriate score on the college placement test or Permission of the Program . This course is designed to develop the student's Spanish language knowledge and communication skills in the areas of pronunciation, grammar, vocabulary and culture. The student will practice listening, speaking, reading and writing in Spanish at a functional level of fluency and accuracy. (Note: Credit is only given for SPN 1120 or SPN 1120H.)

SPN 1121 Elementary Spanish II 4.00 Credits

Prerequisite: [SPN 1120](#) or [SPN 1120H](#) or Permission of the Program . This course reinforces the basic Spanish language skills previously acquired. The course further develops listening, speaking, reading and writing skills as well as an understanding and appreciation of the cultures of Spanish-speaking peoples. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/). (Note: Credit is only given for SPN 1121 or SPN 1121H.)

SPN 1121H Honors Elementary Spanish II 4.00 Credits

Prerequisite: ([SPN 1120](#) and appropriate score on the college placement test or) [SPN 1120H](#) or Permission of the Program . This course is the continuation of Honors Elementary Spanish II and continues to develop the student's Spanish language knowledge and communication skills in the areas of pronunciation, grammar, vocabulary and culture. The student will continue to practice listening, speaking, reading and writing in Spanish at a more sophisticated level of fluency and accuracy. (Note: Credit is only given for SPN 1121 or SPN 1121H.)

SPN 2200 Intermediate Spanish I 3.00 Credits

Prerequisite: [SPN 1121](#) or [SPN 1121H](#) or Permission of the Program . This course expands and reviews the previously acquired Spanish language skills and includes more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Enhancing vocabulary for practical purposes, including writing is emphasized. A variety of reading selections will be introduced. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

SPN 2201 Intermediate Spanish II 3.00 Credits

Prerequisite: [SPN 2200](#) or Permission of the Program . This course expands and reviews the Spanish language skills previously acquired by the students. Content includes but is not limited to more advanced linguistic structures and idiomatic expressions, with an emphasis on conversational skills. Growth in vocabulary for practical purposes is emphasized. A variety of writing exercises and reading selections will be included. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

SPN 2240 Spanish Conversation and Composition I 3.00 Credits

Prerequisite: SPN 2201 or Permission of the Program . This intermediate course is designed to improve the student's Spanish language skills in the areas of listening comprehension, reading, speaking and writing, with a concentration on oral and written communication. The student will practice to develop proficiency in oral expression and will produce written assignments at an intermediate level of grammatical accuracy. Course material will include a variety of authentic Spanish language texts. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

SPN 2241 Spanish Conversation and Composition II 3.00 Credits

Prerequisite: SPN 2240 or Permission of the Program . This intermediate course is a continuation of Spanish Conversation and Composition I and is designed to improve the student's Spanish language skills in the areas of listening comprehension, reading, speaking and writing, with a concentration on oral and written communication. The student will continue to practice developing proficiency in oral expression and will continue to produce written assignments at an intermediate level of grammatical accuracy. Course material will include a variety of authentic Spanish language texts. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

SPN 2949 Study Abroad Cooperative Work Experience: Spanish 1.00 - 3.00 Credits

Prerequisite: Permission of the Program. This course is designed to provide students with experiential learning in a study abroad setting. Students are immersed in the culture while integrating the language skills in the work experience. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 50 on-the-job hours for each credit earned in addition to written assignments. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

SSE 4112 Social Studies Content in the Elementary Classroom 3.00 Credits

Admission to: ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements . This course is designed to focus on and increase the content knowledge of Social Studies for future elementary educators. The students will explore the themes of Social Studies by: 1) utilizing primary and secondary sources to examine key historical events that are related by cause and effect; 2) analyzing the impact of the World Wars and Globalization on the United States; 3) researching various world cultural/technological contributions to the United States; 4) interpreting maps, statistics, and digital technology for physical and human systems in geography; 5) summarizing the structure, function and practices of the American Government and 6) synthesizing allocation of resources for economic conditions. Lectures, discussions, and extensive technology integration, constitute different course activities that are aligned with the Florida Elementary Education K-6 Social Studies competencies and the National Standards for Social Studies. This course is reading and writing intensive.

STA 2014 DANTES Principles of Statistics 3.00 Credits

minimum of 48

STA 2023 Elementary Statistics 3.00 Credits

Prerequisite: Appropriate score on the SPC mathematics placement test or MAC 1105 or MGF 1106 or MAT 1033 or MAT 1100 . This course includes concepts taken from topics which include descriptive statistics, measures of central tendency and dispersion, probability, probability distributions, sampling distributions, binomial distribution, normal distribution, the student's distribution, the Chi-square distribution, estimation using confidence intervals, hypothesis testing, linear regression, correlation, and nonparametric statistics. (Note: Credit is only given for STA 2023 or STA 2023H, but not both.)

STA 2023H Honors Elementary Statistics 3.00 Credits

Prerequisite: Appropriate score on the SPC mathematics placement test or MAC 1105 or MGF 1106 or MAT 1033 or MAT 1100 . This course includes concepts taken from topics which include descriptive statistics, measures of central tendency and dispersion, probability, probability distributions, sampling distributions, binomial distribution, normal distribution, the student's t distribution, the Chi-square distribution, estimation using confidence intervals, hypothesis testing, linear regression, correlation, and nonparametric statistics. The course also includes data-driven decision-making and communication of statistical results of the included topics. (Note: Credit is only given for STA 2023 or STA 2023H, but not both.)

STA 2041 Data Analysis & Statistical Modeling 3.00 Credits

Prerequisite: (STA 2023 and COP 1044) . This course provides introductory coverage to various statistical topics and incorporates concepts from mathematics, statistics and computer science. Emphasis is placed on the practical techniques of collecting, analyzing, and interpreting data in the application of descriptive statistics, inferential statistics and exploratory data analysis. Additional topics, covered at a survey level, include contingency table analysis, regression analysis, analysis of variance and basic construction of statistical models.

STS 1302 Introduction to Surgical Technology 3.00 Credits

Prerequisite: BSC 1084C Or (BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L and) HSC 1531 and ENC 1101 and Pre or Corequisite: MCB 2004C and STS 1302L and STS 1340 . This course introduces the students to perioperative patient care as regards to the adult, pediatric, geriatric, bariatric and special needs patient care concepts and the professional roles and responsibilities of the surgical team members, with emphasis on the professional role of the surgical technologist. This course will also cover sterile technique, introduction to the program and facilities, mental health/personal hygiene, professional ethics, the design of the surgical suite, the health care team, legal issues in patient care, asepsis/infection control, instrument cleaning methods for prevention of infection, sterilization methods for prevention of infection, chemical disinfection, and environmental sanitation. Equipment, supplies and instrumentation pertinent to the care of the surgical patient will also be covered. Discussion on types of consents, transportation and transfer of the surgical patient, perioperative patient routines, safety issues and death will be included.

STS 1302L Introduction to Surgical Technology Lab 2.00 Credits

Prerequisite: BSC 1084C Or (BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L and) HSC 1531 and ENC 1101 and Pre or Corequisite: MCB 2004C and STS 1302 and STS 1340 . This is a lab practicum to accompany STS 1302. This course is designed to introduce beginning surgical technology students to the skills necessary to function as a Surgical Technologist in the operating room including principles of aseptic technique, correct posture for scrubbing, the surgical scrub, gowning and gloving, and how to function within the operating room environment.

STS 1310 Surgical Principles and Techniques 4.00 Credits

Pre or Corequisite: STS 1302 and MCB 2004C and STS 1302L and STS 1340 and STS 1310L and STS 2361 and PSY 1012 . This course is designed to prepare students for the roles of the surgical technologist, including duties of the scrub role and duties of the assistant circulator. Other topics covered are chart review, patient identification, skin preparation, urinary catheterization, surgical counts, draping of the surgical patient, types of incisions, principles of wound healing, hemostasis and exposure of the operative field. Insertion of surgical drains and application of surgical dressings, along with relevant terminology, specimen care, pharmacology and anesthesia principles are covered. Actions are emphasized that facilitate the usual sequence of the surgical procedure for all segments of care, including the preoperative, intraoperative and postoperative care of the patient.

STS 1310L Surgical Principles and Techniques Lab 2.00 Credits

Pre or Corequisite: MCB 2004C and STS 1302 and STS 1302L and STS 1340 and STS 1310 and STS 2361 and PSY 1012 . This is a lab practicum to accompany STS 1310. This course will focus on the fundamental concepts of Surgical Technology in regards to instrumentation handling and passing in the surgical setting. This course will introduce students to instrument names, classification, parts, materials and instrument finishes, and the use of the instrument. During the course, the student will have the opportunity to learn the relationship between the instrument type and usage. The course will also focus on the function, assembly, and care of specialty and accessory equipment used in the surgical setting.

STS 1340 Pharmacology and Anesthesia 2.00 Credits

Prerequisite: BSC 1084C Or (BSC 2085 and BSC 2085L and BSC 2086 and BSC 2086L and) HSC 1531 and ENC 1101 and Pre or Corequisite: MCB 2004C and STS 1302 and STS 1302L . This course is designed to introduce students to the most commonly used perioperative pharmacological agents and inhalant anesthesia, with emphasis on identification, handling and usage as it pertains to the operating room.

STS 2323 Surgical Procedures I 4.00 Credits

Prerequisite: STS 1310 and STS 1310L and STS 2361 and PSY 1012 and Pre or Corequisite: STS 2323L and STS 2953 and PHI 1600 . This course is designed to prepare students for surgical procedures, including the review of surgical anatomy, physiology,

pathophysiology, relevant equipment, supplies and techniques regarding general surgery, orthopedic surgery, endoscopic surgery, gynecological and obstetrical surgery, genitourinary surgery, otorhinolaryngology surgery, and diagnostic procedures, including relevant equipment, supplies and techniques.

STS 2323L Surgical Procedures I Lab 2.00 Credits

Pre or Corequisite: STS 1310 and STS 1310L and STS 2361 and PSY 1012 and STS 2323 and STS 2953 and PHI 1600 . This is a lab practicum to accompany STS 2323. This course includes the completion of mock surgical procedures used to facilitate the student's ability to anticipate the steps of surgical procedures and evaluate. The student's performance will be evaluated on the critical elements of the surgical technologist's responsibilities.

STS 2361 The Art of Teamwork 1.00 Credits

Pre or Corequisite: MCB 2004C and STS 1302 and STS 1302L and STS 1340 and STS 1310 and STS 1310L and PSY 1012 . Students will examine the psychology of interpersonal interactions and effective team communication in this course. During the course, students will develop effective teamwork and communication skills, explore principles of hierarchy, and examine personal communication styles and effective coping strategies. Students will be introduced to effective briefing and debriefing mechanisms, models of risk and errors in the healthcare setting.

STS 2953 Surgical Technology Portfolio I 1.00 Credits

Pre or Corequisite: STS 1310 and STS 1310L and STS 2361 and PSY 1012 and STS 2323 and STS 2323L and PHI 1600 . This course is designed to prepare students for employment by incorporating case preparation techniques into a final document describing their experiences and course work preparing them for a lifetime of continuing education. Activities include the design of their own student portfolio to document their accomplishments in the program, presentations, journals, papers, case preparation and their experiences in the clinical setting.

SYG 2000 Introductory Sociology 3.00 Credits

Prerequisite: (REA 0017 and ENC 0025) or EAP 1695 or appropriate score on the SPC placement test. . This course is the study of human groups, their structure and function, social and cultural patterns and social processes. It will emphasize the fundamental concepts and principles of sociology including the development of sociology, major theories, culture, socialization, social interaction and social structure, groups and organizations, stratification, race and ethnic inequalities, sex and gender, deviance and social control, population, urbanization, collective behaviors and social institutions.

SYG 2010 Social Problems 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the SPC placement test. . This course is an analysis of major social problems in the United States. Emphasis is placed on the causes of social problems, approaches to the analysis of problems, and the interrelationship of problems. Course topics include: crime, mental illness, poverty and inequality, family and marital problems, population and the environment. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Study Abroad opportunities may apply to this course https://blog.spcollege.edu/international/study-abroad/).

SYG 2221 Woman and Society 3.00 Credits

Prerequisite: (ENC 0025 and REA 0017) or EAP 1695 or appropriate score on the SPC placement test . This course is an historical and contemporary examination of the changing political, social, economic, legal, and sexual roles of women in society. This course partially satisfies the writing requirements outlined in the General Education Requirements.

SYG 2324 Principles of Substance Abuse 3.00 Credits

Prerequisite: (ENC 0025 or ENC 0056) and (REA 0017 or REA 0056) or EAP 1695 or satisfactory score on the SPC placement test. . This course is an overview of substance abuse. Topics examined include: historical perspectives; identification, intervention and outcome of abusers and their families; treatment techniques; prevention, intervention and rehabilitation resources; types of therapeutic and support groups; and the pharmacology of commonly abused substances. The course is recommended for those persons who would like to gain knowledge about substance abuse and its effect in today's society.

SYG 2430 Marriage and Family 3.00 Credits

Prerequisite: [ENC 0025](#) and [REA 0017](#) or [EAP 1695](#) or appropriate score on the SPC placement test. . This course deals with the following topics: human sexuality, pair relationships, love, communication, the dynamics of marital interaction, and alternative life styles. This course partially satisfies the writing requirements outlined in the General Education Requirements.

SYG 2949 Co-op Work Experience 1.00 Credits

Prerequisite: Permission of the Program. This course is designed to provide students with major-related, supervised, evaluated practical training work experiences which may be paid or voluntary. Students are graded on the basis of documented learning acquired through hands-on experiences in an actual work setting. Variable credits are available, one to three per course. The student must fulfill the requirement of 60 on-the-job hours for each credit earned in addition to written assignments. Co-op courses may be repeated but total credits shall not exceed twelve.

SYP 2460 Effects of Disasters on Society 3.00 Credits

This course focuses on human behavior and the stages of human response during and after a natural or man-made disaster; for example, hurricanes, tornadoes, earthquakes, floods, chemical spills, nuclear power plant accidents, riots, etc.

TAR 1271 Professional Practice 3.00 Credits

This course is a general survey of office practices for the small entrepreneur in the Building Arts. It includes information on setting up an office, costs fees, legal implications, local, state, and federal regulations, and employee and client relationships.

TAX 2000 Federal Individual Income Taxation 3.00 Credits

Prerequisite: [ACG 2021](#) . This course is designed to provide an overview of the Federal individual income tax structure. This course will provide training in these principles with applications using tax documents (forms) and tax software.

THE 2000 Introduction to Theatre Arts 3.00 Credits

This is a survey course of dramatic theory and history with special emphasis on play reading of representative genres. The essential qualities of actor, director, and the various designers are discussed, and stage terminology is defined. Written compositions are required. Classroom activity includes stage performance.

THE 2090L Production Involvement 1.00 Credits

Permission of the Program: [:](#) . Students participate in a SPC theatre production in either the production areas or performance area as actors or crew. The students will meet production deadlines for the play selected. Producing a play for the public is the goal. Student growth in and understanding of the performance of theatre, and becoming valuable assets to the theatre community, are the main objectives. Students will spend a minimum of 40 hours working on the production. May be repeated up to 6 times for credit. Permission required.

THE 2304 Script Analysis 3.00 Credits

Prerequisite: [THE 2000](#) . This is a course designed to prepare the student in the examination and analysis of play scripts as preparation for production. Through a working knowledge of theatrical literature, students may better grasp the knowledge of what is in a stage script and how to find the important information with the script. The student will read plays from various periods and genres and analyze dramatic elements such as plot, character, theme, dialogue and style. Students will analyze scripts looking for acting, design and directing indicators provided within the script. Study Abroad opportunities may apply to this course (https://blog.spcollege.edu/international/study-abroad/).

THE 2940 Theatre Internship 1.00 - 3.00 Credits

Other: Permission of the Program . This course provides the student with a supervised, practical learning experience in a work setting that is relevant to his/her program of study. Through course assignments and workplace projects the student will apply, connect, and extend academic theory and competencies for the purpose of building professional skills and affiliations

TPA 1232C Introduction to Costume Construction 3.00 Credits

This course offers an introductory study of costume construction techniques including work with costume shop equipment, fabrics, pattern drafting and fabric dyeing and decoration. The course is designed to prepare the student to perform the responsibilities needed to work in and also maintain a costume shop. Through a working knowledge of costume construction, the student shall understand costume shop hierarchy and the importance of the costume construction in the professional and educational theatre. (Note: A minimum of 45 lab hours. Additional hours may be required during production weeks.)

TPA 2200C Stagecraft I 3.00 Credits

This course introduces the student to the technical aspects of theatre operations. Through classroom lectures and laboratory practice, the student will gain skills in the fundamentals of scenery construction, painting and rigging. Participation in a public performance is required. (Note: A minimum of 45 lab hours. Additional hours may be required during production weeks.)

TPA 2204C Stagecraft II 3.00 Credits

Prerequisite: TPA 2200C or Permission of the Program . This is a continuation of Stagecraft I, with an emphasis on more advanced construction techniques and problem solving with an introduction to theatrical drafting techniques and Computer Aid-Drafting (CAD). Students will serve in supervisory capacities on productions. (Note: A minimum of 45 lab hours. Additional hours may be required during production weeks.)

TPA 2290 Technical Theatre Production 1.00 - 3.00 Credits

This is a course enabling participants in the production operations of a public performance to receive academic credit for their contributions. Through such participation, the student acquires practical skills in such areas of theatre as designs, scene construction, lighting, sound and music, stage crew work, costumes, makeup and house management. May be repeated up to 12 credit hours. Credit will be awarded according to the difficulty of the tasks. (Note: A minimum of 45 lab hours. Additional hours may be required during production weeks.)

TPA 2600C Introduction to Stage Management 3.00 Credits

This is a course designed to prepare the student to perform the responsibilities of a stage manager for a theatrical production, including organization, delegation, scheduling, and personnel management. Through a working knowledge of stage management, the student shall understand theatre hierarchy and the importance of the stage manager in the professional and educational theatre. (Note: A minimum of 45 lab hours. Additional hours may be required during production weeks.)

TPP 1100 Acting I 3.00 Credits

This course will include lectures and discussions to explain, analyze, and evaluate the theories, techniques, and principles of acting common to the various types of styles of dramatic production. Specific work in the areas of voice and body exercises and improvisations is included. Workshop projects help the student to develop his/her acting skill.

TPP 1111 Acting II 3.00 Credits

Prerequisite: TPP 1100 or Permission of the Program . This course is the second level of acting involving lectures, discussions, and laboratory work to explain, analyze, execute, and evaluate the theories, techniques, and principles of performing various styles of acting before an audience. Specific work in both classical and contemporary styles will be examined. Workshop projects, both in class and for the public, will help the student develop his/her acting skills.

TPP 2192 Acting Repertory 1.00 Credits

Prerequisite: Permission of the Program. A course enabling members of a cast of a public dramatic performance to earn academic credit for their participation. Through intensive rehearsal and performance experience, the student will acquire skills in expression, in human understanding, in cooperation, and in self discipline. May be taken up to six times for credit. From 12 to 18 hours per week is the minimum requirement during rehearsal and performance periods.

TPP 2260 Introduction To Camera Performance 3.00 Credits

Prerequisite: [TPP 1100](#) and [TPP 1111](#) or Permission of the Program . Lectures, demonstrations and discussions will be used to explain, analyze and evaluate the theories, techniques and principles of performing various styles of acting in front of the camera. Specific problems in voice and body exercises in preparation for auditions, commercials and scene work will be explained. Class projects will help the student develop skills in acting for the camera. 47 contact hours and a minimum of 45 lab hours.

TPP 2300 Introduction to Directing 3.00 Credits

Prerequisite: [TPP 1100](#) or Permission of the Program . Lectures, demonstrations and discussions explain, analyze, and evaluate the theories, techniques and principles of directing common to the various types of styles of directing. Specific problems of script analysis and the director's relationship with actors, environment and audience will be studied. Workshop projects help the student to develop his/her directing style.

TRF 1000 No Transfer Work Accepted 0 Credits

Transcript Received BUT No Transfer Work is Accepted

TSL 3080 ESOL Issues: Principles and Practices I K - 12 3.00 Credits

Admission to: [ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements](#) or [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#) or [MGMED-BS: Middle Grades Mathematics Education (5-9)](#) or [MTSED-BS: Secondary Education Mathematics (6-12)](#) or [EDST-BS: Educational Studies and Community Leadership](#) . This course is an introduction to the issues, principles, and practices of teaching English to speakers of other languages. It provides the foundation of knowledge necessary to meet the instructional needs of linguistically and culturally diverse students. The five ESOL Domains will be assessed in this course.

TSL 4081 ESOL Issues: Principles & Practices II K-12 3.00 Credits

Admission to: ([ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements](#) or [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#)) and Prerequisite: [TSL 3080](#) Pre or Corequisite: And ([EDE 4304](#) and [EDE 4943](#)) . This course is designed to serve as the culminating experience in the teaching of English to speakers of other languages (ESOL) for the education major. Its main goal is to make the connection between theory and practice. Special attention will be given to the areas of cross-cultural communications, second language acquisition theory and methods of teaching English language learners (ELLs). The 5 ESOL Domains are comprehensively covered throughout this course. Students will complete 20 hours of field experience.

TSL 4140 Curriculum Development in ESOL 3.00 Credits

Admission to: [EPI-CT: Educator Preparation Institute (EPI)](#) or [EPIR-CT: Educator Preparation Institute (EPI) with Reading Endorsement](#) . This course will survey cross-cultural communication and understanding, testing and evaluation, curriculum, and methods of teaching ESOL to meet the needs to Limited English Proficiency students. Students will have 15 hours of field experience.

TSL 4939 ESOL Capstone 0 Credits

Admission to: ([ELEDR-BS: Elementary Education (K-6) with Infused ESOL & Reading Endorsements](#) or [ESEDR-BS: Exceptional Student Education (K-12) with Infused ESOL & Reading Endorsements](#)) and Pre or Corequisite: ([EDE 4940](#) or [EEX 4940](#)) . This course is the final component of the English for Speakers of Other Languages (ESOL) Endorsement for Elementary Education and Exceptional Student Education majors. In this course, students will explore how their teaching practices address the needs of English Learners (ELs) by considering the five ESOL domains of culture, language and literacy, methods of teaching English to speakers of other languages, ESOL materials and curriculum development, and assessment by completing a field-based instructional reflection. This course must be taken concurrently with the internship course for Elementary Education and Exceptional Student Education majors.

WOH 2040 The Twentieth Century 3.00 Credits

Prerequisite: ([ENC 0025](#) and [REA 0017](#) or) [EAP 1695](#) or appropriate score on the Placement Test. . This course is a study of world history surveying the cultural, political, social and economic transitions since 1900. Emphasis is placed on the turn-of-the-century

dominance of Europe, the competitiveness and militarism that led to World War I, and the affects of the peace settlements. Attention is given to the Soviet Revolution, the rise of fascism, Nazism, Asian neo-imperialism, and the malaise of the democracies; the Depression and its consequences; aggression, appeasement and World War II; the Cold War, communist China, the rise of the "Third World" and conflicting issues and values in contemporary society. This course partially satisfies the writing requirements outlined in the General Education Requirements. (Note: Credit is only given for WOH 2040 or WOH 2040H).

ZOO 3205C Invertebrate Zoology with Lab 4.00 Credits

Prerequisite: (BSC 2010 and BSC 2010L or BSC 2010CH and) (BSC 2011 and BSC 2011L) . The major emphasis of this course is the classification, evolution and biodiversity of invertebrates. Coverage of each taxonomic group will include discussion of characteristics, systematics, taxonomy, evolution, and unique morphological, physiological, ecological and behavioral adaptations. This course is a combined lecture and lab class.

ZOO 3307 Vertebrate Zoology 3.00 Credits

Prerequisite: BSC 2011 and BSC 2011L and Pre or Corequisite: ZOO 3307L . The major emphasis of this course focuses on the classification, evolution and biodiversity of vertebrates. Coverage of each taxonomic group will include discussion of characteristics, systematics, taxonomy, evolution, paleontology, biogeography and unique morphological, physiological, ecological and behavioral adaptations. (Note: Credit is only given for both ZOO 3307C or (ZOO 3307/ZOO 3307L)).

ZOO 3307L Vertebrate Zoology Lab 1.00 Credits

Prerequisite: BSC 2011 and BSC 2011L and Pre or Corequisite: ZOO 3307 . The major emphasis of this laboratory course focuses on the classification, evolution and biodiversity of vertebrates. Coverage of each taxonomic group will include discussion of characteristics, systematics, taxonomy, evolution, paleontology, biogeography and unique morphological, physiological, ecological and behavioral adaptations. NOTE: Credit is not given for both (ZOO 3307C) and (ZOO 3307/ZOO 3307L).

ZOO 3733C Human Anatomy with Lab 4.00 Credits

Prerequisite: BSC 2011 and BSC 2011L . This course is an advanced study of the anatomy of the human body. The study of the gross anatomy of the body will be enhanced with dissections. There will also be a study of the histology of the human body, selecting tissues important to each system. The systems approach is used and each major body system is examined in depth. The systems covered include: integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic, respiratory, digestive, urinary and reproductive. The structural relationships between organs within body regions will also be studied. The role of developmental processes in determining the location of organs in the adult body will be examined.

ZOO 4513 Animal Behavior 3.00 Credits

Pre or Corequisite: ZOO 4513L Prerequisite: And (PCB 3043 or PCB 3063) . This course teaches how and why animals behave the way that they do. How animals behave is the realm of proximate causation, which incorporates physiological, developmental and genetic bases of behavior. Why animals behave a certain way is ultimate causation, which investigates the adaptive value of behavior. The adaptive component of behavior also introduces the sub-discipline of behavioral ecology, where the animal's behavior is studied in an ecological and evolutionary context. This allows us to merge concepts from Animal Physiology, Genetics and Ecology with behavior to provide a highly integrated program of study. (Note: Credit is only given for ZOO 4513C or (ZOO 4513/ZOO 4513L)).

ZOO 4513L Animal Behavior Lab 1.00 Credits

Prerequisite: (PCB 3043 and PCB 3043L) or (PCB 3063 and PCB 3063L) and Pre or Corequisite: ZOO 4513 . This course teaches how and why animals behave the way that they do. How animals behave is the realm of proximate causation, which incorporates physiological, developmental and genetic bases of behavior. Why animals behave a certain way is ultimate causation, which investigates the adaptive value of behavior. The adaptive component of behavior also introduces the sub-discipline of behavioral ecology, where the animal's behavior is studied in an ecological and evolutionary context. This allows us to merge concepts from Animal Physiology, Genetics and Ecology with behavior to provide a highly integrated program of study. The lab component helps students to understand the scientific process and to develop skills in observation, description, data analysis, basic statistics, literature review and evaluation, and writing. (Note: Credit is only given for ZOO 4513C or (ZOO 4513/ZOO 4513L)).

At SPC, we prepare people for greatness so that they can go on to be titans in their fields, hence our mascot, Titus the Titan!

Maps
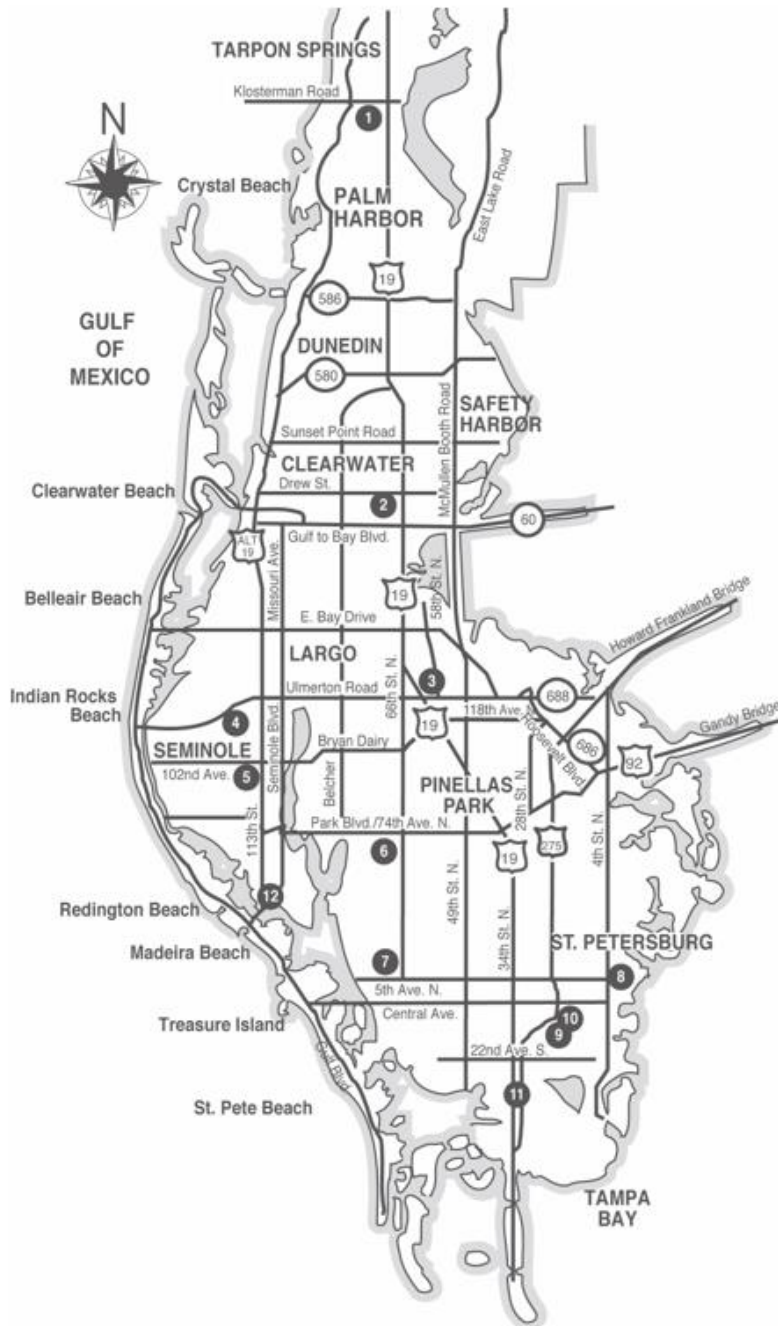
1   Tarpon Springs Campus
    600 E. Klosterman Rd.
    Tarpon Springs, FL 34689

2   Clearwater Campus
    2465 Drew St.
    Clearwater, FL 33765

3   EpiCenter
    13805 58th St. N.
    Clearwater, FL 33760

4   Veterinary Technology
    Center
    12376 Ulmerton Rd.
    Largo, FL 33774

5   Seminole Campus
    9200 113th St. N.
    Seminole, FL 33772

6   Health Education Center
    7200 66th St. N.
    Pinellas Park, FL 33781

7   St. Petersburg/Gibbs
    Campus
    6605 Fifth Ave. N.
    St. Petersburg, FL 33710

8   Downtown Center
    244 Second Ave. N.
    St. Petersburg, FL 33701

9   Douglas L. Jamerson, Jr.
    Midtown Center
    1300 22nd St. S.
    St. Petersburg, FL 33710

10 Cecil B. Keene, Sr.
    Student Achievement
    Center
    1048 22nd St. S.
    St. Petersburg, FL 33712

11 Allstate Center
    3200 34th St. S.
    St. Petersburg, FL 33711

12 Bay Pines STEM Center
    4723 Bay Pines Terrace
    St. Petersburg, FL 33708

Tarpon Springs Campus

Tarpon Springs Campus
600 Klosterman Road
Tarpon Springs

U.S. Highway 19

ENTRANCE

TARPON SPRINGS BUILDING CODES

AD	·	Administration (Career & Advising Center)
AG	·	Agora (Student Life and Leadership/ Security/Veterans Services)
AL	·	Alpha
BB	·	The Michael and Evelyn Bilirakis College of Education Building
BE	·	Beta
BK	·	Bookstore/Food services
DE	·	Delta
DK	·	Disabled Parking ONLY
EP	·	Epsilon
FA	·	Leepa-Rattner Museum of Art and Michael M. Bennett Library
FS	·	Food service
GA	·	Gamma
LY	·	Lyceum
MA	·	Maintenance
NU	·	Nu Tech (Interactive Hub Career & Transfers)
PE	·	Physical Education
PK	·	Student parking
PP	·	Performance platform
PS	·	Psi
SI	·	Sigma
SK	·	Staff parking
TH	·	Theta - storage

KEY

ELEVATOR

RESTROOMS

ACCESS TO DISABLED PARKING

DISABLED ACCESSIBLE DOORS

Clearwater Campus

Clearwater Campus
2465 Drew St.
Clearwater

KEY

- ACCESS TO DISABLED PARKING
- DISABLED ACCESSIBLE DOORS

Drew St.

To U.S. 19

Old Coachman Road

PK — CC — PK — SK — CR — CR — BK — ST — LI — PK — PK — PK — SK — SK — PK

CU — MA — AA — BT — NM — LA — CA — ES — SS

PK — SK — SK — PK — PK — PK

CLEARWATER CAMPUS BUILDING CODES

AA - Arts Auditorium
BK - Bookstore
BT - Business Technologies
CA - Cafe/Food services
CR - Crossroads
CC - Collaborative Center for Emerging Technologies
CU - Central Utilities
ES - Ethics and Social Sciences

LA - Language Arts
   • Admissions
   • Advising
   • Business Office
   • Financial Aid
   • Testing
LI - Michael M. Bennett Library and Learning Support Commons
MA - Maintenance

NM - Natural Science, Math and College of Education
PK - Student parking
SS - Social Sciences
SK - Staff parking
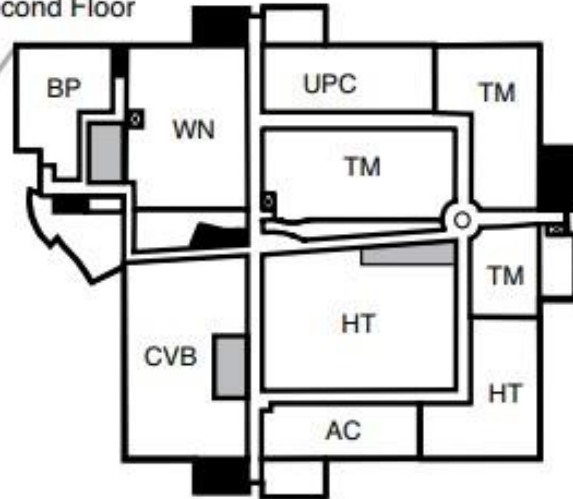ST - Student Life and Leadership

EpiCenter

EpiCenter
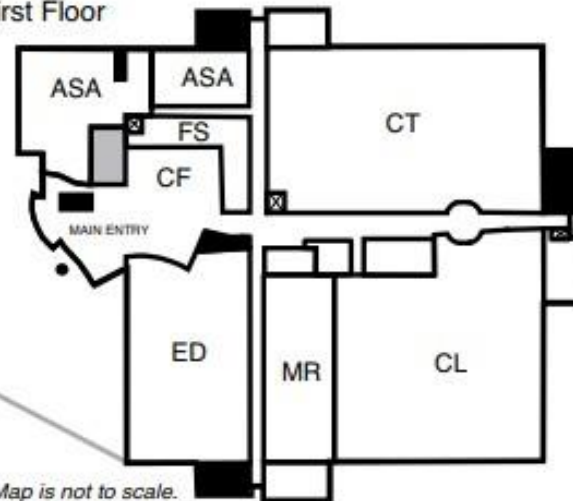13805 58th St. N, Largo

EpiCenter — Services
14025 58th St. N, Largo
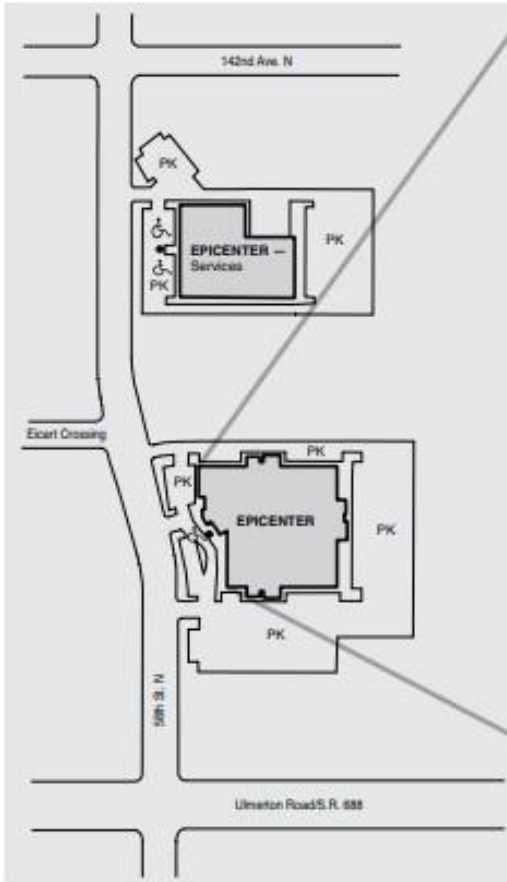
Second Floor

First Floor

Note: Map is not to scale.

KEY

- STAIRS
- ELEVATOR
- RESTROOMS
- ACCESS TO DISABLED PARKING
- DISABLED ACCESSIBLE DOORS

EpiCenter Room Codes

AC	-	Pinellas County Arts Council
ASA	-	Academic & Student Affairs
BP	-	Baccalaureate Programs and University Partnerships
CF	-	Cafeteria
CL	-	Collaborative Labs
CT	-	Corporate Training
CVB	-	Pinellas County Convention Center & Visitors Bureau
ED	-	Pinellas County Economic Development
FS	-	Food service
HT	-	High Tech Certificate Program
MR	-	Meeting rooms
TM	-	Technology Management
UPC	-	University Partnership Center
WN	-	WorkNet

SPC Veterinary Technology Center

SPC Veterinary Technology Center
12376 Ulmerton Rd.
Largo
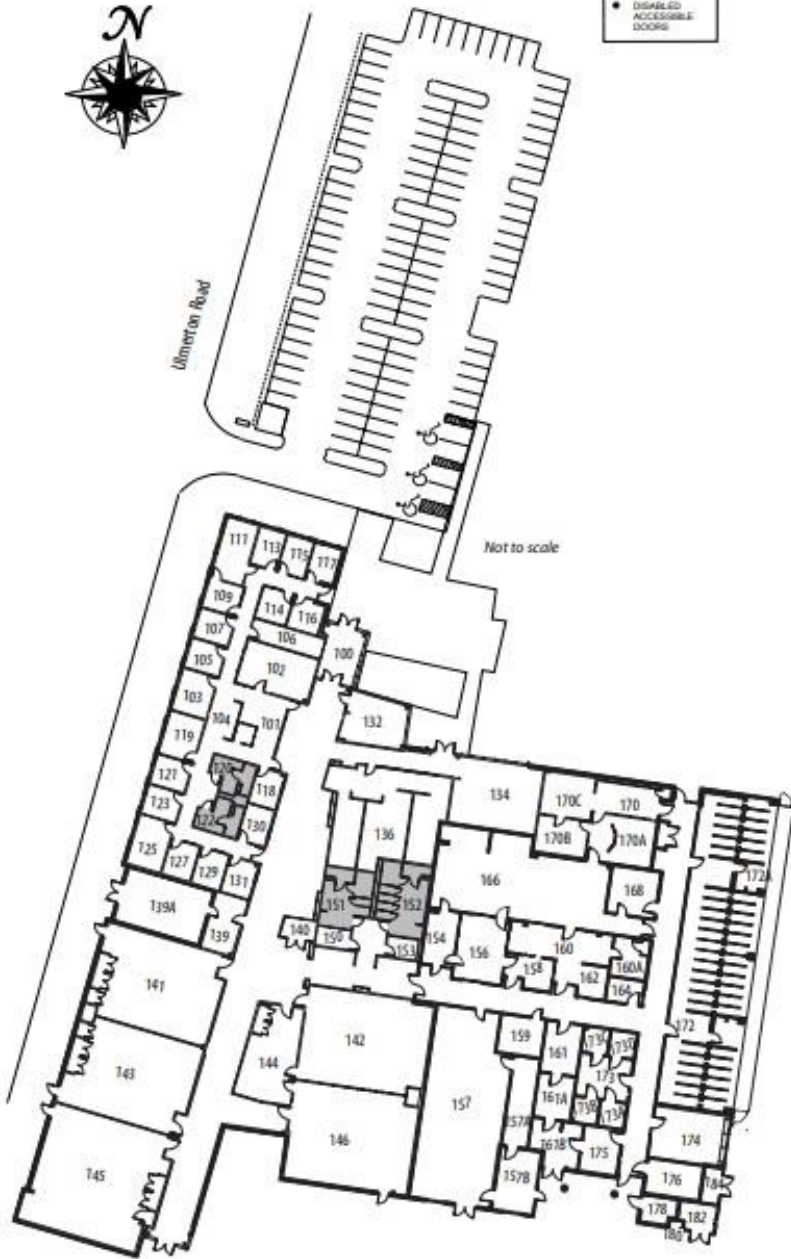
KEY

RESTROOMS

ACCESS TO DISABLED PARKING

DISABLED ACCESSIBLE DOORS

Not to scale

SPC Veterinary Technology Center
Room Codes

100 -119	-	TBA
120, 122	-	Restrooms
121-132	-	TBA
134	-	Student Work
136-139	-	TBA
139A	-	Mechanical
140	-	Electrical
141, 143	-	Computer Lab
142	-	Anatomy Lab
144	-	Lab Storage
145	-	Collaborative Lab
146	-	Pathology Lab
150	-	Custodial
151-152	-	Restrooms
153	-	Computer
154	-	Scrub
156	-	Surgery
157	-	Mechanical
157A	-	Electrical
157B	-	Generator
158	-	Recovery
159	-	Telecommunications
160	-	Control
160A	-	Pharmacy
161	-	Food Prep
161A	-	Food Storage
161B	-	Storage
162	-	Bath
164	-	Avary
166	-	Animal Procedures Lab
168	-	Lab Prep
170	-	Radiology
172	-	Dog Ward
173	-	Lab Animals
174	-	Cat Ward
175	-	Isolation
176	-	Custodial
178, 182	-	Storage
180	-	Oxygen
184	-	Mechanical

Ulmerton Road

Seminole Campus

Seminole Campus
9200 113th St. N
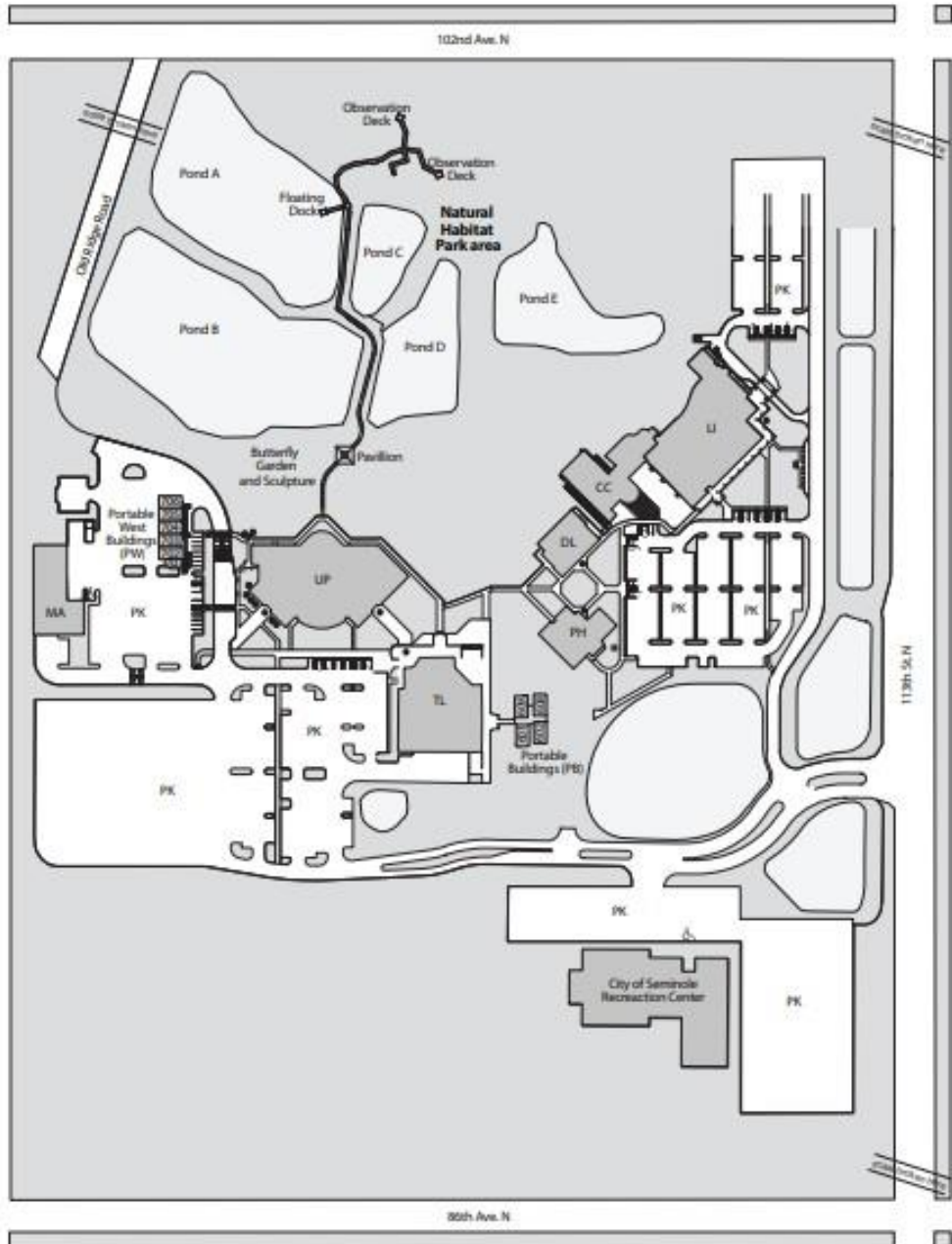Seminole

KEY

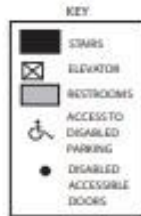♿ ACCESS TO DISABLED PARKING

• DISABLED ACCESSIBLE DOORS

Seminole Campus
Room Codes

CC - Library Annex - Conference Center
DL - Dental building
LI - Dennis L. Jones Community Library at Seminole Campus
MA - Maintenance
PB - Portables
PH - Pharmacy
PK - Parking
PW - Portables West
PB 602 - GED Classroom
PB 608 - Classroom
PB 609 - Faculty offices/Restrooms
PW 701 - Restrooms and Drinking fountains
PW 702 - Faculty offices
PW 703 - Classroom
PW 704 - Classroom
PW 705 - Classroom
PW 706 - Classroom
TL - Technology Learning
UP - C.W. Bill Young University Partnership Center building Veteran Services

AREA MAP

102nd Ave. N

Observation Deck

Observation Deck

Pond A

Floating Dock

Natural Habitat Park area

Pond C

Pond E

Pond B

Pond D

PK

Butterfly Garden and Sculpture

Pavilion

LI

Portable West Buildings (PW)

CC

UP

DL

MA

PK

PK

PK

PH

TL

PK

Portable Buildings (PB)

PK

PK

PK

City of Seminole Recreation Center

PK

113th St. N

86th Ave. N

Caruth Health Education Center

Caruth Health Education Center
7200 66th St. N
Pinellas Park

Park Blvd./74th Ave. N/SR 694

KEY

STAIRS
ELEVATOR
RESTROOMS
ACCESS TO DISABLED PARKING
DISABLED ACCESSIBLE DOORS

ORTHOTICS & PROSTHETICS FIRST FLOOR

Reception area

FIRST FLOOR

ORTHOTICS & PROSTHETICS SECOND FLOOR

CARUTH HEALTH EDUCATION CENTER BUILDING

SECOND FLOOR

71st Ave. N

70th Ave. N

66th St. N/SR 693

67th St. N

CL & OF East Annex

PB 205
PB 206
PB 266
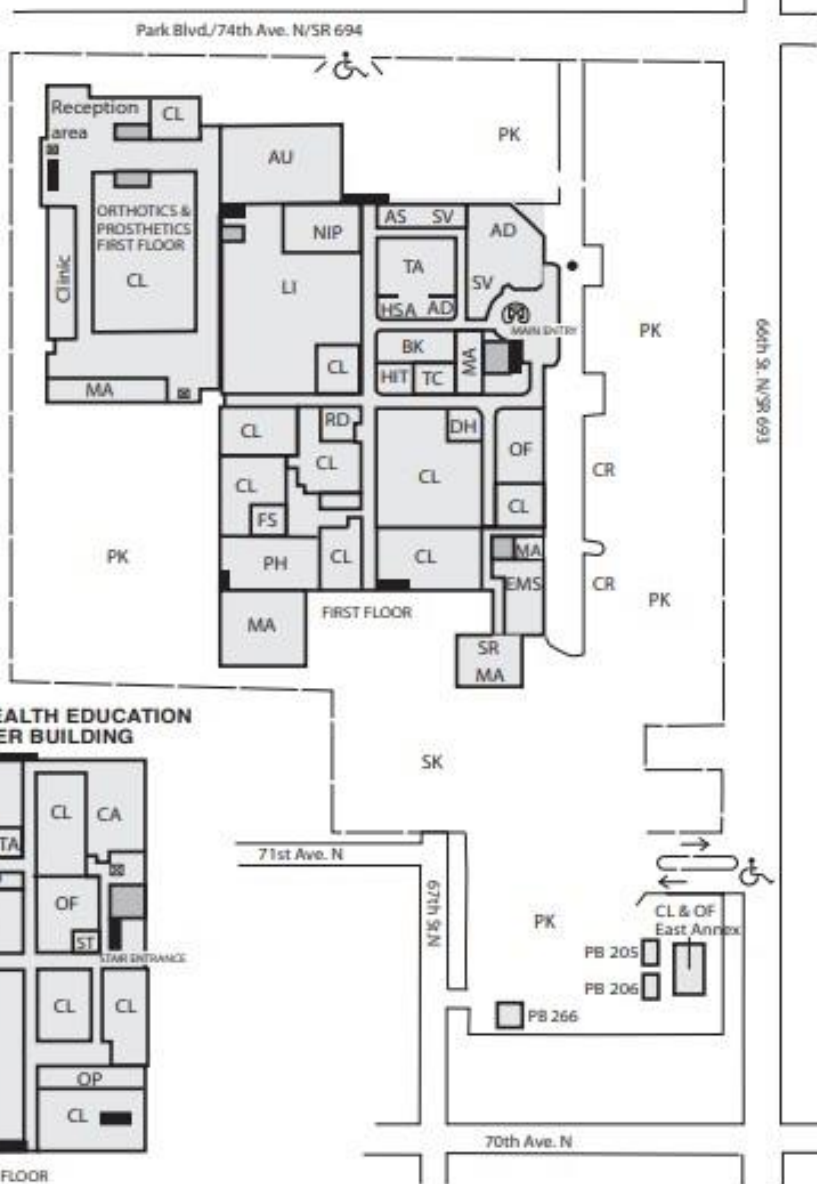
Caruth Health Education Center Room Codes

AD	- Administration	LI	- Library	SK	- Staff parking
AS	- Accessibility Services	MA	- Maintenance	ST	- Student Life and Leadership
AU	- Auditorium	NIP	- New Initiative Program	SV	- Student Services
BK	- Bookstore	NR	- Nursing	TA	- Teaching Auditorium
CA	- Cafeteria	OF	- Offices		
CL	- Classrooms	TC	- Testing Center		
CR	- Clinic Parking	PB	- Portables 205,206 & 266		
DH	- Dental Hygiene	PH	- Physical Plant/Receiving		
EMS	- Emergency Medical Services	PK	- Student parking		
FS	- Funeral Services	PTA	- Physical Therapist Assistant		
HIT	- Health Information Technology	RC	- Respiratory Therapy		
HSA	- Health Services Administration	RD	- Radiography		

St. Petersburg/Gibbs Campus

St. Petersburg/Gibbs Campus
6606 Fifth Ave. N, St. Petersburg
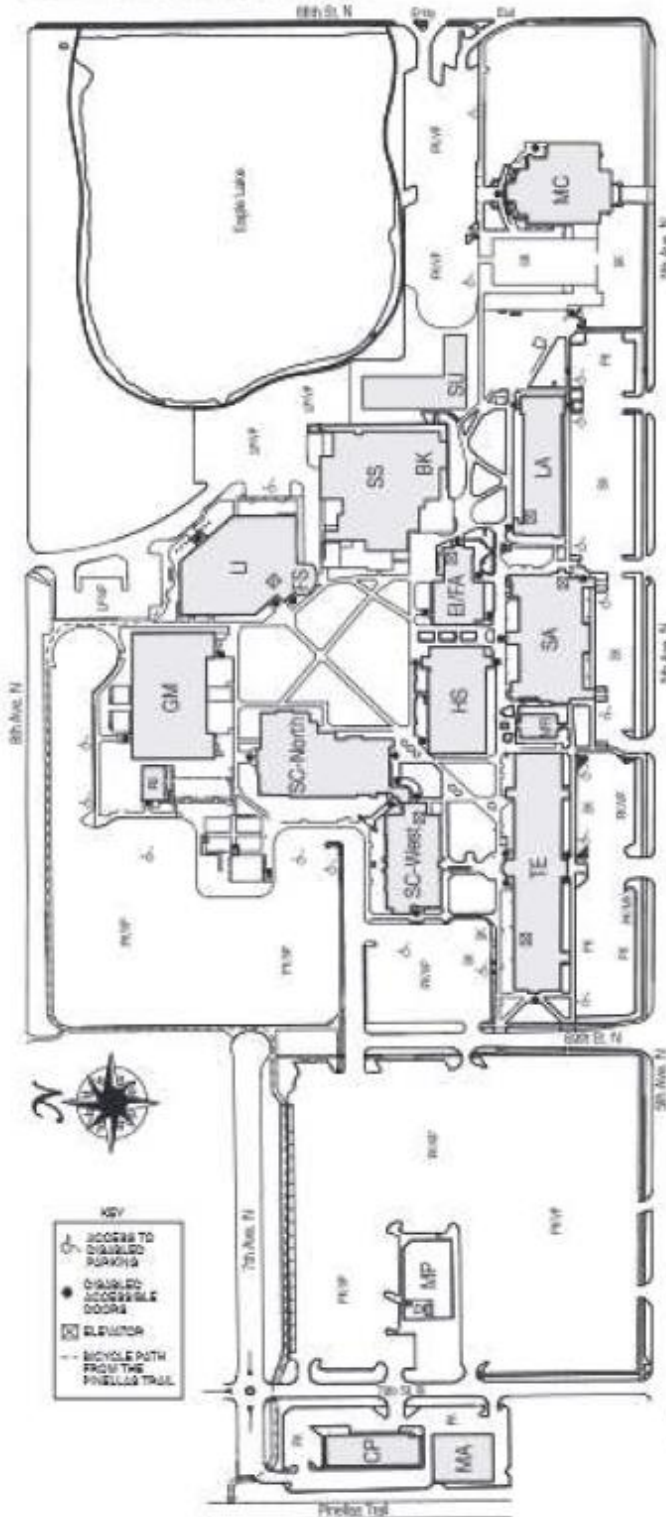
ST. PETERSBURG/GIBBS CAMPUS BUILDING CODES

EI – **ETHILS**
Applied Ethics
Food Pantry
Music

GM – **GYMNASIUM**

HS – **HUMANITIES**
Humanities and Fine Arts

LA – **LANGUAGE ARTS**
Communications

LI – **LIBRARY**
Nature's Table Café
Library
Writing Studio

MA – **MAINTENANCE**
Facilities/Receiving

MC – **MUSIC CENTER**

MR – **MIRA**
Music Industry/Recording Arts Studio

PB – **PORTABLE 201**
GED Program

SA – **SOCIAL ARTS**
B2B Bridge to Baccalaureate
CCAMPIS
CROP College Reach Out Program
Mathematics
Social and Behavioral Science
Student Support Services

SC – **NATURAL SCIENCE**
Criminal Justice
Planetarium
Science

SS – **STUDENT SERVICES**
Bookstore
St. Petersburg Collegiate High School
Student Life and Leadership

SU – **STUDENT SUCCESS CENTER**
Level 1
Accessibility Services
Advising and Registration
Business Office
Career Hub
Financial Aid
Security
Swish-Rey Café
Testing
Level 2
Learning Resources & Tutoring
Women on the Way (WOW)
Level 3
Center for International Programs
Learning Lab
Provost and Associate Provost
Veterans Services

TE – **TECHNICAL BUILDING**
College of Business
College of Computer and Information Technology
College of Education

**WE** – **WELLNESS CENTER**

Parking codes

♿	–	Accessibility Parking
MK	–	Motorcycle Parking
LP	–	Library Parking
PK	–	Student Parking
SK	–	Staff Parking
VP	–	Visitor Parking

KEY
ACCESS TO DISABLED PARKING
DISABLED ACCESSIBLE DOORS
ELEVATOR
BICYCLE PATH FROM THE PINELLAS TRAIL

SPG_8-3-20

SPC Downtown
244 Second Ave. N
St. Petersburg

FIRST FLOOR

SECOND FLOOR

THIRD FLOOR

FOURTH FLOOR
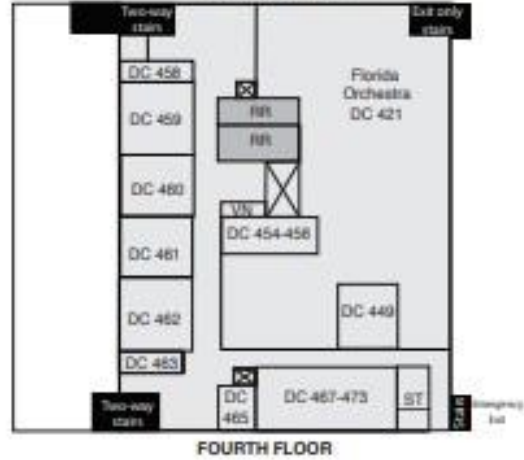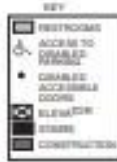
SPC Downtown Room Codes

Classrooms

Code	Description
DC 122-127	Classrooms
DC 224	Classroom
DC 226, 230	Classrooms
DC 251	Classroom
DC 253	Classroom
DC 257	Interactive classroom
DC 316-317	Classrooms
DC 459-462	Classrooms

Numbered rooms

Code	Description
DC 132	QED Program
DC 202	Conference room
DC 210	Community room
DC 223	Student lounge
DC 225	Student Life & Leadership, Student Government, Outreach
DC 240	Science Prep
DC 244	Science Lab
DC 248	Staff offices
DC 255	Learning Support Commons Open Lab
DC 259	Staff offices
DC 314	Learning Support Commons Tutoring
DC 319	Faculty offices
Suite 332	American Stage offices
DC 352	Offices
DC 350, 354, 355 &358	Classrooms
DC 421	Florida Orchestra
DC 449	Staff Wellness Center
DC 454-456	Palladium offices
DC 458 &463	Science Prep
DC 459 &462	Science Labs
DC 465	TRS
DP	Downtown Partnership offices
DC 467-473	Faculty Offices

Un-numbered rooms

Code	Description
AS	American Stage offices
BK	Book store
BX	Box office
DP	Downtown Partnership
CH	Change machine
CM	Copy machine
FS	Food service (cafe')
PA	Pier Aquarium office
PK	Student parking
PO	Provost Office
RR	Restroom
SK	Staff parking
SL	Student lockers
SS	Student Services: Admissions, Advising, Business office, Career Services, Disability Resources, Financial Aid, Registration, Veterans Services
ST	Storage
TC	Testing Center
VN	Vending

SPC Downtown parking map

DT_12-8-16
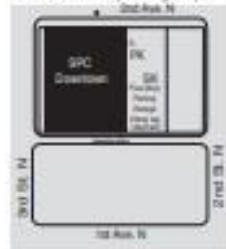
SPC Midtown Center

Douglas L. Jamerson, Jr. Midtown Center
1300 22nd St. S
St. Petersburg

KEY
- STAIRS
- ELEVATOR
- RESTROOMS
- ACCESS TO DISABLED PARKING

SPC Midtown Room Codes

MT 104 - Facilities Services & Receiving
MT 105 - Reception
MT 106, 108-112 - Staff Offices
MT 107 - Conference Room
MT 113 - Staff Workroom
MT 114 - Testing
MT 115 - ADA Testing
MT 118 - Security
MT 120 - Library/Writing Studio
MT 120A - Study Room
MT 120B - Study Room
MT 120C - Study Room
MT 141 - Community Room
MT 150 - Bookstore

MT 201 - Learning Support Center
MT 204 - Computer Lab
MT 205 - Classroom
MT 206 - Math Studio
MT 207 - Classroom
MT 217 - Classroom
MT 219 - Classroom
MT 225 - Classroom
MT 234 - Science Studio
MT 236 - Classroom
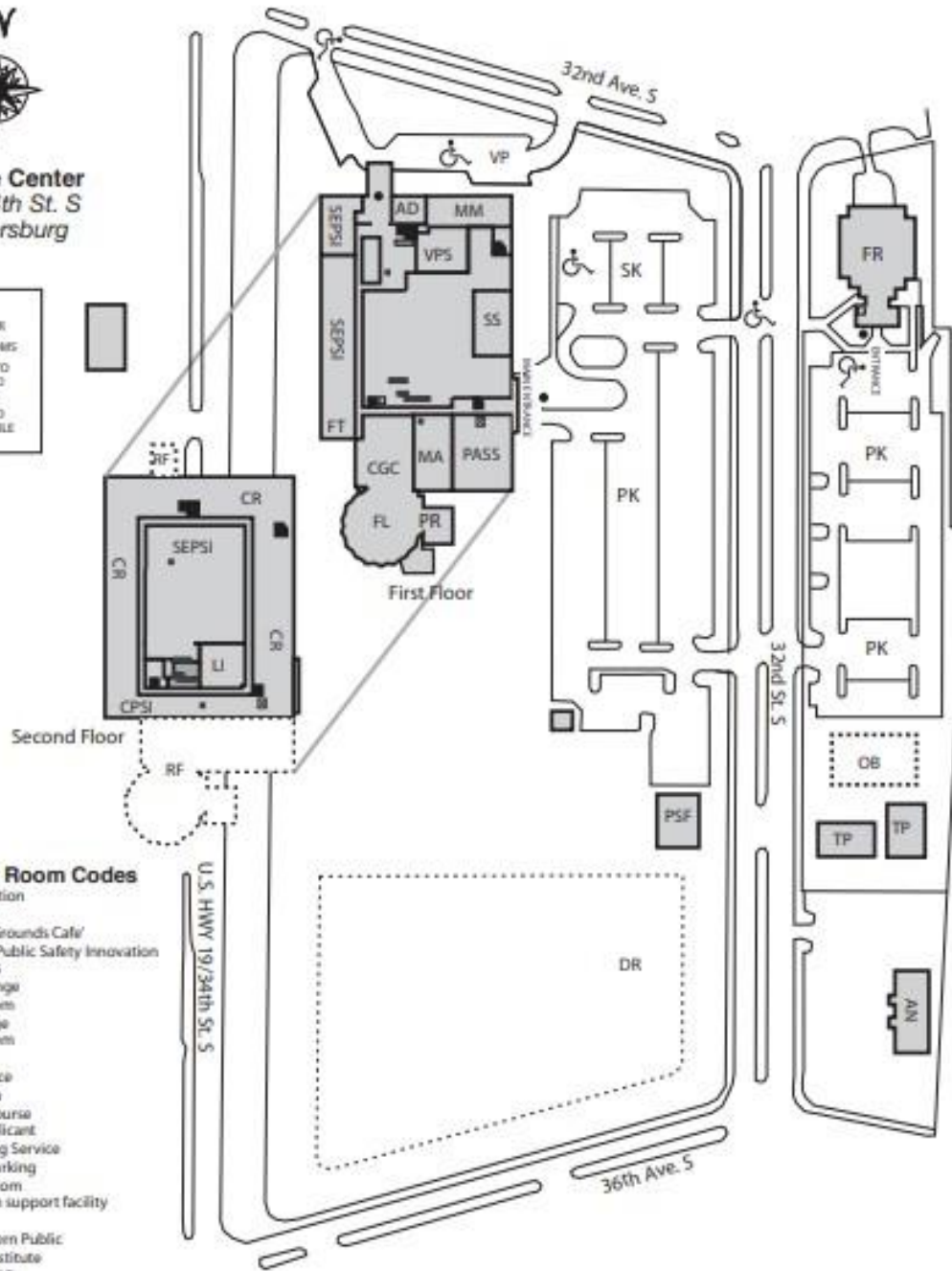
MT 305 - Reception
MT 306 - Conference Room
MT 307-317 - Faculty Offices
MT 318 - Adjunct Faculty
MT 320 - Technology Resources
MT 321 - Staff Workroom
MT 322 - Computer Lab
MT 324 - Biology Lab
MT 328 - Science Prep
MT 330 - Physical Science Lab
MT 332 - Classroom
MT 339 - Student Workroom
MT 339B - Student Government

MIDTOWN CENTER - FIRST FLOOR

MIDTOWN CENTER - SECOND FLOOR

MIDTOWN CENTER - THIRD FLOOR

DLJ_MT_12-8-16

SPC Allstate Center

N

Allstate Center
3200 34th St. S
St. Petersburg

KEY

- ▪ STAIRS
- ⊠ ELEVATOR
- ▨ RESTROOMS
- ♿ ACCESS TO DISABLED PARKING
- ● DISABLED ACCESSIBLE DOORS

Second Floor

- RF
- CR
- SEPSI
- CR
- CR
- LI
- CPSI

First Floor

- VP
- SEPSI
- AD
- MM
- VPS
- SEPSI
- SS
- FT
- CGC
- MA
- PASS
- FL
- PR
- SK
- PK
- FR
- PK
- PK
- OB
- PSF
- TP
- TP
- DR
- AN

32nd Ave. S

32nd St. S

U.S. HWY 19/34th St. S

36th Ave. S

Allstate Center Room Codes

AD	-	Administration
AN	-	Annex
CGC	-	Common Grounds Cafe'
CPSI	-	Center for Public Safety Innovation
CR	-	Classrooms
DR	-	Driving Range
FL	-	Florida Room
FR	-	Firing Range
FT	-	Fitness Room
LI	-	Library
MA	-	Maintenance
MM	-	Multimedia
OB	-	Obstacle course
PASS	-	Police Applicant Screening Service
PK	-	Student parking
PR	-	Pinellas Room
PSF	-	Production support facility
RF	-	Roof
SEPSI	-	Southeastern Public Safety Institute
SK	-	Staff parking
SS	-	Student Services
TV	-	Television studio
TP	-	Training Portable
VP	-	Visitor parking
VPS	-	Video Production Studio

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SPC **St. Petersburg College**

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