



## **ST. PETERSBURG COLLEGE**

### **Department of Engineering Technology & Building Arts ADVISORY MEETING**

**Thursday, May 2, 2013**

**5:00 - 6:15PM**

**Clearwater Campus**

**Collaborative Center for Emerging Technologies**

**2465 Drew Street**

**Clearwater, FL 33765**

### **SUMMARY**

**Members Present:** Tina Brudnicki, Ed Homan, Don Houdek, David Reese, Matt Smith, Scott Choquette, Lisa Maciolek, Bill Venz, Bob Hudson, and Brad Jenkins.

**Members Excused:** Mark Snyder, Ken Conforti, Dan Bloom, Lou Grilli, Greg Seay, Roger Harvey, Clint Mells, Joe DiPasqua, Steve Askew, Bill Erdmann, Randy Swanson, Rodney Jaramillo, Ned Stacy.

**Guests:** Alex McKenna, Amy Apicerno, Krista Fusari, Dustin Smith, Giovanna Taylor, Greg Lewis

After the introduction of members and guests, Brad Jenkins, and Greg Lewis, Senior instructor for Solid Works, provided a tour of the Collaborative Center for Emerging Technologies (CCET) that opened last August 2012. The tour highlighted the open manufacturing layout of the Center with the different work cells and areas for Solid Works Design, manufacturing with the rapid prototyping and CNC equipment, the electronics work cell, the metrology and inspection area, advanced testing with PLCs and robotics and the soft wall clean room. The Center now has over \$1.1 million of equipment and facilities. Separate lab rooms have been eliminated as labs are conducted in the Center in an open access area. Everyone was quite impressed with the equipment and laboratories in the CCET.

#### **Course Enrollment:**

Brad Jenkins provided the enrollment update from this Fall 2012 and Spring 2013 year, in which the enrollment is up 9.88% in Engineering Technology and decreased 11.74% in Building Arts, as compared to the Fall session in 2011. For the Spring 2013, the enrollment is up 12.09% in Engineering Technology and increased 2.84% in Building Arts, as compared to the Spring session in 2012. The Graduation data from December 2012 and May

2013 indicated for Engineering Technology, 20 A.S. degrees and 61 Certificates awarded, and for Building Arts, 16 A.S. degrees and 9 Certificate were awarded. (the revised enrollment sheet is attached)

### **Update on Action Items:**

The committee received an update on the action items from the September 6, 2012 meeting concerning the Collaborative Center of Emerging Technologies along with the contacts of industry for donated industrial equipment. The committee members not attending also received the list of the graduate data and enrollment.

### **Architectural and Building Arts updates:**

Bob Hudson reported that of the 7 Architectural AA degree transfer students that applied to the USF Masters in Architectural program, that 5 were accepted. Bob also reported that of the 30 USF Masters in Architecture graduates, which 5 were from our SPC program. The Building Arts students completed their work with the construction company building for new Ethics and Social Science classroom building this spring. The students kept a journal on their experiences.

### **U.S, Department of Labor (DOL) Grant updates:**

The college has written and participated in two proposals with the U.S. Department of Labor (DOL) Trade Adjustment Assistance Community College and Career Training (TAACCCT) grant. Brad provided a brief update on the Florida TRADE grant, a \$15 million proposal for industry training certifications that also involves 11 other state colleges. The structure for the application process and the path for training are underway at all colleges. SPC will begin later this summer to begin some preliminary training.

Giovanna Taylor, the newly selected Program Director of the other DOL grant, Biosciences Credentials, Medical Devices, provided an update on the activities of that grant. SPC is a partner with Ivy Tech Community College, in Indiana, and Salt Lake City Community College for the Medical Devices Hub. The major goal is to develop an A.S. degree in Medical Manufacturing with a number of specializations and college certificates. Giovanna will be contacting the medical device industry this summer in regards to validating the skills and training needs for this industry. SPC will be hosting the fall meeting of the Medical Devices Hub September 17-18, 2013.

### **Equipment Requests and approvals:**

Brad presented for approval two equipment requests; A Pneumatic equipment package to be used in automation and robotics, and a Reverse Engineering Arm to provide the reverse engineering for our manufacturing and rapid prototyping program. The committee gave the approval for both of these equipment purchases.

### **NSF Grant Updates:**

Brad provided the update on the DeafTec NSF grant of the Rochester Institute of Technology (RIT) National Technical Institute for the Deaf (NTID) that started this fall. The training for faculty and counselors will begin this summer and continue in the fall. Local industry will be invited to participate later this summer for training.

The FLATE updates this year included the new remodeled FLATE website with its updated industry page. FLATE is continuing to work with the Florida Department of Education (DOE) to review and update the Engineering Technology curriculum frameworks concerning the college certificates for this summer. There are now 14 state colleges that have adopted the A.S. degree in Engineering Technology.

All the information is available on the FLATE website: ([www.fl-ate.org](http://www.fl-ate.org) and [www.madeinflorida.org](http://www.madeinflorida.org)).

**Action Items:**

The action items of this meeting included:

1. Brad Jenkins will send an updated list of the graduate data and enrollment to all advisory members, in order to provide that information to the members not attending this meeting.
2. Brad will be completing the purchasing process to order the equipment approved.

The meeting was adjourned at 6:35 P.M.

The next advisory committee meeting will be September 12, 2013 at the EpiCenter for a dinner meeting. The agenda will be sent out prior to the meeting. (there may be a late summer meeting, but a notification will go out on that later)

Respectfully submitted,

Bradley E. Jenkins  
Secretary