

Meeting Minutes

Engineering Technology Advisory Board Meeting

August 9, 2017

4:00pm-5:00pm

CR-144 (Clearwater Campus)

In attendance: Louis Grilli, Becky Burton, Scott Talcott, Matthew Smith, Lisa Maciolek, Edwin Homan, Susan Garrett, Susan Biszewski-Eber, Natavia Middleton, Jerry Custin, Mike Brewster, Mike Smith, Ron Varghese, Joann Wright, Lara Sharp

Not in attendance: Brian Bell, David Reese, Dean Rock, Donald Houdek, Eric LeTourneur, Greg Lewis, Greg Seay, Ken Conforti, Marcos Cabrera, Peter Buczynsky, Steve Askew, Steve Heppler, Dennis Daniels, Michelle Hintz-Prange, Tim Nemes, Rodney Rohrs, Nancy Crews, Melissa Lostraglio, Pam Temko, Diane Hufford, Andy Malcolm, Jim Gilmour, Bob Castro, Brenda Skinner, Kozitte Kaun, Stefanie Bischoff, Diane Spaulding, Francois DeForges, Grace Smoker, Joe Moretti, Marta Przyborowski, Lannette Reeves, Belinda Duclos

Engineering Technology and Workforce Institute Update

Engineering Technology Program and Space Update—Lara Sharp, SPC

New space for the SPC Electronics Program. The lab and the classroom are now in the same place. This gives instructors more flexibility. Better utilization of space. SPC now seeing a growth in the Electronics Program. This is in part due to ITT closing down. The Biomedical engineering technology (BMET) moved out of Clearwater and now is housed in Tarpon Springs.

There is now a new HAAS mini mill CNC machine in the CC building on the Clearwater Campus. It is being used primarily for rapid prototyping.

We also have a new 3D printer that can print in composite materials and new woodworking equipment. This effort underscores SPC commitment to the expanding opportunities for students and give the engineering technology and building arts programs a workshop for project work.

Workforce Institute Update—Susan Garrett, SPC

Partnership with BRAAS on Douglas Road in Oldsmar, will be providing training for PLCs that will include 12 hours of online prep work, 15 hours intensive lab time, and 3 hours of online preparation for the PMMI certification exam. The BRAAS Application Engineer will be teaching the PLC curriculum. We have been receiving strong interest from the community.

The online portion will be available for two weeks prior to the intensive labs. The labs will be offered 1-4 or 5-8 for five days of each month. The program has the capacity for 48 students total 24 per cohort.

Also Susan and Belinthia Berry from Workforce Institute secured a meeting with Pinellas County Government to investigate how we can train county staff to support infrastructure.

Grants—Lara Sharp and Susan Biszewski-Eber, SPC

The Florida Job Growth Grant is \$85 million being allocated in a number of areas. A portion has been put aside for workforce training with the stipulation that it be linked to a college. SPC, in partnership with Pinellas Technical College (PTC), submitted a grant proposal for modularized online mechatronics training which also connects to an open lab. It is

training provided in an open entry - open exit format. Polk State College used this type of training and it is a proven concept. The student can come in when they want and take the class on their time frame. They can move through it as quickly and as slowly as they desire. They can select specific modules to meet their needs. SPC also included a line item to secure equipment.

PTC will provide machining training and the main certification is PMMI, MSSC, and NIMS. All coursework will be articulated to a new mechatronics subplan in the Engineering Technology AS degree program. Credit based courses in mechatronics are scheduled to start in Fall 2019.

We have also been approached by Duke Energy to provide lineman training as a possible PSAV program.

Apprenticeship Grant-- addressed how the Apprenticeship Program will work with Mechatronics as a competency based apprenticeship. Formerly it was 8000 hours, but competency means it needs to be at least 2000 hours. There are standards out there so the paperwork would be minimal. SPC is looking into potentially becoming a Registered Apprenticeship site. If so all paperwork would be filled out by the college. If an employer is interested in becoming a registered apprenticeship program, please email Susan Biszewski-Eber at biszewskieber.susan@spcollege.edu.

Discussion about securing faculty with the right credentials to teach in an engineering technology program is a challenge. Faculty would need to have a master's degree. Technical schools like Pinellas Technical College do not have to abide by these same credentialing processes.

Future—Lara Sharp, SPC

The question was posed to the Advisory Board as to what they think might be missing. For example: Soldering - We have the equipment. We are looking for someone to teach a course.

Joe Benavides, SPC career services, asked the Advisory Board about opportunities for interns and graduates. One of the members mentioned that having keywords on their resume would help the hiring managers and HR.

Another company is working on a current project that must have security clearance.

Mike Brewster, Monin, agreed to be the industry chair for the advisory board.

Announcements--

Engineering, Manufacturing, and Building Arts Open House is November 15th from 4:30pm-7pm at the CC building on the Clearwater Campus.

Fall STEM Festival is Saturday, October 21 from 10am-2pm on the Clearwater Campus. ALL are welcome.

BAMA is sponsoring the Made in Tampa Bay Expo on October 19th from 3pm-7pm at HCC.

Manufacturing/Supply Chain Career Fair, October 24th from 11:30am-3:30pm at PTC Clearwater.

Meeting adjourned at 5:00pm