

Meeting Minutes

Engineering Technology Advisory Board Meeting

March 2, 2017

10:30am-11:30am

CR-170 (Clearwater Campus)

In attendance: Lara Sharp, Scott Talcott, Michelle Hintz-Prange, Joann Wright, Gary Breton, Ken Conforti, Lenore Swaim, Susan Biszewski-Eber, Jerry Custin, Nancy Crews, Diane Spaulding, Brian Bell, Belinda Duclos, Joseph Benavides, Becky Burton, Mike Smith, Susan Garrett

Absent: Dan Bloom, David Reese, Dean Rock, Donald Houdek, Edwin Homan, Eric LeTourneur, Greg Lewis, Greg Seay, Lisa Maciolek, Lou Gilli, Marcos Cabrera, Matthew Smith, Mike Brewster, Peter Buczynsky, Steve Askew, Steve Heppler, Dennis Daniels, Chris Baumann, Jack Berg, Tim Nemes, Natavia Middleton, Dee Mortellaro, Rodney Rohrs, Melissa Lostraglio, Pam Temko, Diane Hufford, Andy Malcolm, Jim Gilmour, Bob Castro, Brenda Skinner, Kozitte Kaun, Stefanie Bischoff, Francois DeForges, Grace Smoker, Joe Moretti, Marta Przyborowski, Lannette Reeves

10:30AM Welcome and Introductions

10:40AM Career and Academic Communities at St. Pete College

--This was the first meeting of the combined advisory boards for engineering technology and the FloridaTrade grant.

--A program review was done for new members. The new community structure was also introduced. Similar programs and careers have been grouped into communities. Engineering, Manufacturing, and Building Arts is the new community name. It includes Engineering Technology AS, Engineering Transfer AA, Architecture Transfer AA, Architectural Design and Construction Technology AS, Drafting and Design AS, and Biomedical Engineering Technology AS.

--Reviewed enrollment with the board. Noted that Engineering Technology was down ~3% in 2016. The College was down ~5% for 2016. The decrease is mostly due to fewer

electronics students. There was actually an increase in students in the digital design and modeling and quality subplans for 2016. A recruitment plan that included hiring a part-time temporary assistant to develop new marketing material, direct distribution of new marketing material, and more college and high school events was presented to the board.

Susan Biszewski-Eber, Apprenticeship Coordinator explained the Apprenticeship Initiative and addressed how it could work with existing A.S. degree programs in terms of articulating apprenticeship credit. This opened the discussion to skills that manufacturers are looking for in an employee.

10:50AM Engineering Technology 5 year plan

--Ms. Sharp, program director, presented engineering technology's 5 year plan to the board (see attached). The rapid prototyping/digital design program is being expanded with new equipment (HAAS mini-mill, wood working tools, and a new 3D printer) and a new rapid prototyping II elective to start Spring 2018. Two new engineering technology subplans will be added: Digital Manufacturing and Advanced Manufacturing (Mechatronics—aka electro-mechanical technician). Additional Lean and Six Sigma courses will be added to the Quality subplan to encourage students to finish the engineering technology AS degree. A new electronics certificate will be added (Fall 2017) to provide engineering technology electronics students a micro-credential while working towards their degree. The engineering technology biomedical systems and medical quality systems programs will be discontinued (Fall 2017) due to low enrollment and to focus on the Biomedical Engineering Technology AS program. The BS in engineering technology was suggested but will depend on future enrollment and legislative actions.

11:10AM Mechatronics—Workforce Institute and Engineering Technology Collaboration

--Ms. Sharp and Ms. Susan Garrett, Program Director for Workforce Institute, announced the creation of an Electro-Mechanical Technician program at SPC. The program will focus on PLCs, Automation, Fluid Power, and Motors and Controls. The program will start as non-credit training in the Workforce Institute and it will be a phased program starting with PLC training. The next phases will be motors and controls, automation, and fluid power. The Workforce Institute is looking at a late summer start. While training starts on the non-credit side, Ms. Sharp will be developing the new engineering technology subplan for the credit side. Students will be able to articulate their non-credit training into the engineering technology AS program. The AS degree will include all the same content as the non-credit training as well as general education courses and possible support courses in computers and lean six sigma. The proposed start date for the new AS degree subplan is Fall 2018. The AS degree subplan has been approved by the VP of Curriculum. The board was advised that their input into the curriculum will be crucial for developing a relevant program.

11:30AM Adjourn