



Meeting Summary

FLATE INDUSTRIAL ADVISORY COMMITTEE MEETING Thursday, May 18, 2017

**College of Central Florida
3001 S.W. College Road
Ocala, FL 34474**

**Welcome and Tour 4:30PM – 5:30PM
FLATE IAC Meeting – 5:30PM – 7:00PM**

FLATE Committee Participants:

Members Present

including call ins: Peter Cirak, Mark Gaudio, Rob Adamiack, Sam Ajlani.

FLATE members:

Marilyn Barger, Brad Jenkins, Richard Gilbert, Danielly Orozco, Jesse Kokotek, Janice Mukhia, Phil Centonze.

Guests Present:

Scott Weller, Jeremy Stanley, Rick Cole (structural engineer), Denisa Bethea (Westpoint HS), Paul Gleason (Westpoint HS), Rob Wolfe, Rusty Skinner.

Members Excused:

Ken Conforti, Steve Meitzen, Lara Sharp, Maricka Rogers, Richard Hyatt, Drew Hoff, Mike Ennis, Steve Cerone, Roy Sweatman, Jake Prokop.

Tour of the Engineering Technology laboratories and the FANUC Robotics Center:

Sam Ajlani, Director Engineering Technology, welcomed the FLATE Advisory Committee members and described how the Engineering Technology degree serves the needs of the manufacturers. Sam provided a tour of the Engineering Technology facilities and the new Manufacturing electrical/mechanical industrial lab that included the FANUC Robotics. The FANUC robots will be moving to another building later this summer and become the FANUC Robotics Center, the first training center in the state. Sam remarked that many the Engineering Technology graduates are transferring to the BSET degree at Daytona State College and some are staying at the college to transfer into the bachelors program in Logistics. Sam stated that

there are over 100 students enrolled in the Engineering Technology program with an enrollment of over 15% being female.

Welcome and Introduction of Committee Members and Guests:

Rob Wolfe, Dean, Business, Technology, and Workforce, welcomed the FLATE Advisory Committee members and provided an update of the various college programs including the donation of the 100 acre farm that will be used for the college's programs in equine and agribusiness, as well as an off campus conference center. The college also has associate and bachelor degrees in logistics that will provide jobs for FEDEX, Chewy, and AutoZone among others that have or will set up their distribution centers in the Ocala area. Rob also mentioned that the college is building a \$30 million healthcare facility with a donation of \$6 million from the hospital district in Ocala.

Peter Cirak, Quality Assurance Director, Seal Dynamics and chairperson of the FLATE IAC, welcomed the advisory members, the members using Skype, and guests to the IAC meeting. The Skype application was provided by FLATE, in Tampa, for those members calling in from around the state.

Partnership relations and discussion:

Rusty Skinner, Career Source, provided an update of the resources that are in Citrus, Levy, and Marion counties. He also stated that CareerSource developed a video and plan that will be used to create career awareness to help develop the talent pipeline among the manufacturing, transportation, logistics, and the healthcare industries in the three county areas. This project has been accepted by industry and the school systems in order to reach the parents, children, and the manufacturers.

Rob Adamiack, Executive Director, Mid-FL Regional Manufacturers Association (MRMA) focused on the workforce development and the shortage of the skilled workforce in the area. More companies are moving into the Ocala area and with FEDEX, Chewy, and AutoZone opening their distribution centers; the logistics programs at Central Florida will be enhanced. MRMA is involved with all the local high schools, the College of Central Florida, and the Marion Technical Center (MTI), especially in the logistics area. This fall, the students at Westport High School will be running the warehouse at a local company and using the high school logistics program for this endeavor. MRMA also has endowed scholarships at Central Florida for Engineering Technology and manufacturing. MRMA is sponsoring with Career Source and the school system the Youth Career EXPO; one for the middle schools and one for the high schools.

In regards to the FANUC Training Center, now at Central Florida, Scott Weller, Technical Training Aids, presented a video about the FANUC Certification Educational & Robotic Training that was taped at the IMTS Automation Conference. The Center will start providing training later this year when the robotic arms are moved to their new location.

Florida Makes:

Phil Centonze, FloridaMakes, presented the background of FloridaMakes, that was created from the Manufacturers Association of Florida (MAF) CAME, how the business model is structured,

and the support from the regional manufacturers associations (RMAs). The main objectives of FloridaMakes is to address the needs of the smaller manufacturers employing 50 -250 employees; develop a third party provider (TPP) network; and provide support and connection for colleges between their corporate college and the academics side of the college. The key strategy is the development of the manufacturing ecosystem that will provide a network of businesses working together that will also include the workforce needs. FloridaMakes includes FLATE and will coordinate the Manufacturing Day activities in October. FloridaMakes wants to bring the manufacturers together by working with the state and community colleges to help with their training needs.

FLATE Updates:

Danielly Orozco, Associate Director FLATE, presented an overview of the FLATE updates and activities. Danielly reported that there are now 20 colleges offering the Engineering Technology degrees with 21 certificates and 11 specializations.

The FLATE Industry and Education Awards will now be hosted by the Florida Association for Career Technical Education, (FACTE), at their annual meeting in July. The categories include the Distinguished Manufacturing Secondary Educator of the Year, the Distinguished Manufacturing Post- Secondary Educator of the Year, and the Distinguished Manufacturing Partner Service Award. This change to FACTE will ensure sustainability for the awards over time. The nomination committee will meet on May 31 to decide the winners in each category and the awards will be presented at the FACTI Conference in Orlando, July18.

FLATE has partnered with the Manufacturing Skill Standards Council (MSSC) to help grow the use of the Certified Production Technician (CPT) course in the Florida high schools and increase the passing rate for the CPT. The purpose of the project is to build a pipeline to the Associate in Science degree in Engineering technology and strengthen the relationships between the colleges and the high schools in their regions. There will be 8 HS teachers and 3 college faculty involved with this special MSSC training.

The projects and activities this summer include the FLATE 2017 Robotics and Engineering Camps that will be offered at different sites, the Professional Development workshops, and the alignment of the Florida Machining curriculum frameworks to the NIMS credentials.

Danielly reported on the PathTech LIFE, National Science Foundation (NSF) grant. LIFE stands for Learning, Interests, Family, and Employment, and the survey instrument developed was used to identify the characteristics of community college students across various technology fields, including their academic pathways, career goals, and school and work life balance issues. The link for the student survey was sent to the Florida colleges. 141 students have now participated. The data, presentations, and report will be provided later this year and in the spring of 2018.

Additional information was included in the handout material were included in the handout material, including the “Hire a Graduate” and the “Linkedin” postcards.

For additional information, please visit the FLATE website at www.fl-ate.org and the wiki site: www.flate.pbwiki.com.

New Business:

Richard Gilbert reported on the sustainability strategies for FLATE. Rich stated that NSF has a \$30 million investment in the 2 year programs in the state of Florida over the years. FLATE has asked for funding from the NSF for the new CTE and AS degrees that will address the new technologies that are being developed. FloridaMakes and FLATE will begin work on a total manufacturing effort with all colleges, RMAs, and Career Source that will start July 1, 2017

The meeting ended with Jeremy Stanley, Technical Training Aids, performing a scan of FLATER with an Artec hand held scanner. Everyone enjoyed seeing this technology in use.

With no further business or announcements the meeting was adjourned at 7:00PM

Respectively submitted,
Brad Jenkins