



MEETING SUMMARY

FLATE INDUSTRIAL ADVISORY COMMITTEE

**Hillsborough Community College
Brandon Campus
Student Services Building BSSB, Room 218
10414 E. Columbus Dr.
Tampa, FL 33619**

Thursday, May 7, 2009, 4:30 – 6:30 PM

Members Present: Idelia Phillips, Drew Hoff, Mark Snyder, Patti Gander, Ernie Helms, Ed Niespodziany, Peter Straw, Tina Brudnicki, Mark Gaudio,

Member Call-ins: Ginger Clark, Eric Owens, Don Gugliuzza, Denise Sanderson, Phil Centonze.

Guests: Kim McDougal (Greenforce Florida), Sam Phillips (SPC), Henry Cabra (USF).

FLATE and HCC members: Marilyn Barger, Eric Roe, Richard Gilbert, Brad Jenkins, Kim Wilson, Dave Gula, Lourdes Fleurima, Jody Sutton.

Members Excused: JoAnne Larsen, Mark Ericksen, Leigh Haller, Steven Meitzen, Wende Huehne-Brown, Eric Dickinson, Meer Almeer, Ruly Lopez, Ernie Friend, John Debella, Stan Sidor, Sherry Reeves, Chet Sadler.

1) Introduction of Committee Members and Guests:

Brad Jenkins welcomed the advisory members, the call in members, and guests to the FLATE IAC Meeting held at the HCC Brandon Campus. The WebEx conference call was also set by FLATE for those members calling from around the state.

2) Greenforce Florida Initiative:

Kim McDougal, Senior Policy Advisor, Workforce Education, Florida Department of Education explained the purpose of Greenforce Florida Project including the possible stimulus funding through grant proposals. Dr. McDougal also provided information regarding the implementations of the committee's recommendations. The major action items revolve around the formation of twelve action teams that have been created to pursue the implementation recommendations from the Alternative Energy Workforce Profile developed by the project. Each Action Team has a chair or co-chairs directing the efforts of their team and all are welcome to participate on a team. Recommendations include an outreach campaign to attract students in green-energy-STEM careers, secondary and community college curriculum development, and interaction with Florida's industry sector. Industry participation in the Action Teams is needed. The link for this report is <http://www.fldoe.org/workforce/pdf/AlternativeEnergy.pdf>.

3) Stakeholder's Summit Report from 1-29-09:

Mark Snyder introduced Ernie Helms and Peter Straw to provide the update from the January 29 joint meeting of the FLATE and Banner Center advisory committees. Ernie explained the main goal of this meeting was to identify and explore strategies for creating a skilled workforce for Florida's manufacturing companies. The participants from both advisory committees identified strategies for the various workforce initiatives, along with the educational needs that the manufacturing sector is seeking, and started to define the key components of an organization that addresses the workforce needs of Florida's manufacturers and engineering technology companies. The topics served as a basis to discuss long-range sustainability issues for FLATE and the Banner Center for Manufacturing. The four main outcomes for a sustainable organizations were: 1) Outreach- marketing, communication, information; 2) Lean Organizational Structure- eliminate redundancy 3) Educational Focus- link academia, training, internships and certifications; 4) Funding- long-term strategies that extend beyond existing grant cycles.

During the sustainability discussion regarding sources of income, the Banner Center for Manufacturing was also discussed since it currently has revenue generation initiatives such as selling curriculum modules, offering Banner courses, instructor training fees, and MSSC testing fees. For a sustainable organization to develop over the next three years, these revenue streams will need to be supplemented with other external funding. The discussion of a FLATE and Banner Center joint organization will need to be put on hold until the new Center is awarded. Don Gugliuzza (Workforce Florida Board Member) updated the committee on the Banner Center RFP and the new awards process. Ernie also mentioned the success that Polk State College has had with developing and delivering curriculum to over 400 students. He also stated that with the latest RFP from WFI, the anticipation is that the Banner Center would be relocating to Polk from HCC. (See the Banner Center update below).

4) FLATE 2009 Manufacturing Awards, Recognitions, and Sponsorships:

Mark Gaudio and Tina Brudnicki provided the information concerning the 2009 FLATE Awards and Recognitions program. The subcommittee is seeking nominees for the secondary, post-secondary, and industry recognition awards. The nominations are now open and are on the FLATE website (www.fl-ate.org/projects/awards/index.html). The subcommittee also sought sponsors for the 2009 awards. At the IAC meeting the following companies stepped up to sponsor all three awards: ConMed Linvatec, Jaeger Corporation, and Mileo & Associates. The MAF summit is November 5-6 in Orlando and the winners will be announced at the banquet ceremony.

5) FLATE Updates

Curriculum:

A.S. Degree in Engineering Technology

The update on the Engineering Technology Degree was presented by Marilyn Barger and Brad Jenkins. A map of the state was shown indicating that 5 community colleges have now implemented the degree with additional 5 community colleges planning to adopt this degree in 2009. There will be some new engineering technology specializations being offered this fall in Biomedical Systems, at St. Petersburg College (SPC), and in Computer Aided Design and Drafting (CADD), at SPC and Manatee Community College (MCC). Two additional specialties developed later this year include Power Operations and Energy Systems.

Automation and Production Technology (APT)

Eric Roe provided information concerning this new secondary and PSAV program that concentrates on automation and robotics. The program frameworks are aligned with the MSSC CPT certification and are comprised of 4 courses at the secondary level (HS), both requirements for FLDOE Gold Seal Certification. The post-secondary level APT Framework is a 600 contact hour program (also aligned with the MSSC CPT).

Enrollment Data

FLATE has formulated an annual data request with the Florida Department of Education (DOE). In this manner, as reported by Eric Roe, FLATE will be able to track annual enrollment, program completers, and industry certification data for the secondary, technical centers, and community college programs related to manufacturing. Currently FLATE is analyzing the baseline data for the previous three academic years, so that impact of the reform initiatives undertaken by FLATE can be determined. This formalization of enrollment data is a major effectiveness measure for FLATE.

DOE Manufacturing Working Group

Eric Owens, Industrial Supervisor from the DOE, presented the statewide manufacturing industry steering committee updated 3-Year Plan related to development of the frameworks for new programs and update or deletion of frameworks for those programs being changes or deleted. A new Quality Assurance High School program is being developed by the Biotech Banner Center.

Don Gugliuzza is the state Chairman of this Manufacturing Working Group with Eric Roe as Co-Chair. The committee needs more industry representation, Eric appealed to IAC members to contact him if interested or to recommend potential industry participants.

Outreach Activities:

NEXT Update

Eric Roe reported that the Florida Trends NEXT magazine advertorial for 2009 will be only one page, with sponsorship down from the previous years, however with a distribution to all high schools in Florida of approximately 730,000 copies; it is felt that these ads will still the spark interest as it has done before. FLATE received back 4,200 responses in the first year (2006-07), 4,600 responses back from the second year (2007-08), and over 4700 responses so far from 2008-09. The students are responded to directly from FLATE and the response data is sorted by zip code and this information is forwarded to the schools and community colleges for local recruiting purposes.

Student Activities (Summer Camps, Skills USA, TSA)

Dave Gula reported on the results from several outreach activities involving student career and technical education organizations. These organizations provide an opportunity for schools/students to participate in leadership building activities framed in technical competitions. Recent activities include the Florida State SkillsUSA Leadership Championships that was held in Bradenton and the TSA State Conference held in Orlando. FLATE co-hosted the SkillsUSA competition (many thanks to Jaeger Corporation for their technical support and provision of the competition equipment) and served as a judge for the TSA event. Dave also provided information concerning the Lego Mindstorms Summer Robotics Camps that will start in July and go through the first week in August at the HCC Brandon Campus. More info can be found on the Made in Florida and FLATE websites. Both BAMA and SME are providing student support, via scholarships and by purchasing snacks.

Partner Projects:

BITT and Banner Center for Biotechnology

Kim Wilson, Project Manager, of the Bimolecular Identification and Targeted Therapeutics (BITT) grant, reported that 36% of the 140 needs assessment surveys were returned. A focus group will be established with the University of Florida's Banner Center for Biotechnology later this summer to identify the gaps between existing educational programs and industry

needs, and begin development of a curriculum to meet those needs. Kim also reported on the curriculum projects ongoing at the HCC Brandon Campus and that a biotech program will begin this fall at Plant High School (since the IAC, this SDHC effort has been postponed until the 10-11 academic year). BITT partnered with the Banner Center for the Biotechnology renewal proposal.

Banner Center for Manufacturing

Eric Roe provided an update on Workforce Florida's plan to re-launch the Banner Centers throughout the state. HCC did not reapply to remain the Banner Center for Manufacturing, but will support the efforts for Polk State College to become the new center. HCC will partner with Polk on this new initiative. Awards of the all of the new Banner Centers is anticipated in late May.

US DOL Technology Based Learning (TBL) grant

Eric Roe is the Principle Investigator for this three-year \$500,000 U.S. department of Labor Grant to provide training for skilled workers in the advanced manufacturing industry. Eric reported that FLATE & HCC, through corporate training and their industry partners will use this grant to gather online learning objects, high-tech simulations, and the learning management system technology to provide hybrid and online industry relevant curricula aligned with the MSSC CPT certification.

ATEEC Energy Technology Initiative

Marilyn Barger provided information related to the NSF Advanced Technology Environment and Energy Center. Marilyn reported there will be 6 regional forums for the establishment of technician skills sets with HCC hosting a regional session June 30 at the South Shore Campus.

6) IAC Committee Feedback and Discussion:

Marilyn Barger led the discussion concerning the review of the 5 ET degree specializations and the development of the 2 new specializations described above (CADD and Biomedical Systems) as well as concerns that too many specializations will limit the AS degree enrollment because an individual could not earn a second ET Degree with a different specialization. Mark Synder wanted consistency in the program and liked the fact that the core offers this consistency and the specializations can expand the degree program. Patti Gander remarked that due to the many crossover sectors in manufacturing, the employees can obtain the certificates that are associated within each specialization even if they cannot earn an additional specialization because it falls under the same degree. Ernie Helms added that due to people changing careers, the degree and specializations afford the opportunity to obtain a 2nd A.S. degree to non ET degree holders and that the short term certificates permit acquisition of skill sets. Overall the FLATE Advisory Committee supported this effort and said the certificate and specializations are working well.

7) Date for next Industrial Advisory Meeting:

Brad Jenkins remarked that the next IAC meeting would be **September 17, 2009, 4:30-6:30 pm**, but without a location site. Ernie Helms said that we may want to consider Polk State College, but would be able to let the committee know by mid June if these arrangements could be met.

Meeting materials and this report are filed on the FLATE IAC webpage:

www.fl-ate.org/committees/IAC.html

Mark Snyder adjourned the meeting at 6:50PM.

Respectively submitted,
Brad Jenkins