

Owens Community College

Biomedical Electronics Major Advisory Meeting

Date: March 19, 2010

Location: Café Marie, Perrysburg

Industrial Attendees: Brad Lehman, Scott Loehrke, Nathan Miles, Paul Svatik, Dave Thompson

Student Attendees: Mike Meadows, Neil Wilson

Owens Attendees: Linda Deutsch, Nerur Satish; Success Mentor: Patrick Gill

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> • The meeting was called to order at 11:40 a.m. by Nerur Satish. • All minutes are posted to the School of Technology website under the appropriate program. 	<ul style="list-style-type: none"> • Minutes of the spring 2009 meeting were reviewed and approved.
Enrollment and Retention Report	<ul style="list-style-type: none"> • The overall Spring 2010 EET Department enrollments have increased 11.8%. compared to Spring 2009. (Spring 2009 = 391; Spring 2010 = 437) • The Biomedical program enrollments are up 7.8% (from 90 to 97 students). • Tech Prep day visits were done for several area schools on February 18 and 19, 2010. Penta Career Center, Toledo Technology Academy, and Clay High School were schools that participated. • The EET Department participated in the “We are IT” event targeted for attracting Women into Engineering/IT field. Several hands-on projects were presented. • The EET Department also participated in the Monroe High School career day event in December. 	<ul style="list-style-type: none"> • Patrick Gill and Janice Skaggs are resident success mentors/advisors in the School of Technology. They are working closely with the Chairs to learn the programs. They are visiting classrooms and talking to students. They are available throughout the semester to be a support system for the students – not just advising.
Faculty Report	<ul style="list-style-type: none"> • Linda Deutsch reported that she is an Owens graduate. This is her second semester as a full-time faculty member and she is teaching AC and DC circuits while easing into the Biomed program. The Biomed students seem to be the best students in her classes. • Mike Sparks wanted to thank the member hospitals for their help. 	<ul style="list-style-type: none"> • Mike Sparks will be helping Nerur Satish with an orientation meeting on April 16th for students starting their clinical (EET 250) in the fall 2010. • Several new facilities have been added to the internship list.
Student Report	<ul style="list-style-type: none"> • Student Mike Meadows reported that everyone in the field is telling him he won’t need to continue his education. He is thinking maybe he will get a bachelor’s in networking or something related. • Neil Wilson had a question regarding certification. He saw a position advertised that needed AAMI certification. Students cannot get certified until they graduate and have at least one to two years of actual on-the-job experience. 	<ul style="list-style-type: none"> • Advisory members agreed that it depends on what your goals are. If you plan on just fixing machines, you probably don’t need to further your education. • Advisory members felt it would be good for students to pick up courses on budgeting, safety, etc., that are not included in the program. • Paul Svatik suggested that students join OCEA

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	Troubleshooting is usually the most difficult for new graduates.	and get on their mailing list.
Outcomes Assessment Status Report	<ul style="list-style-type: none"> • Outcomes have been reviewed and most areas met or exceeded expectations. • Areas not meeting expectations were not due to program instruction. • The SLAC (Student Learning and Assessment) Committee was broadened to include representation from a wider cross section of administrators and faculty members. 	<ul style="list-style-type: none"> • The College is evaluating and working towards adopting the TaskStream system. TaskStream is more than an e-portfolio, it is also an assessment and project management systems.
Outcomes Competency Validation	<ul style="list-style-type: none"> • There is good benchmarking with competencies in the biomedical field as students learn the needed skills to repair and calibrate on state-of-the-art equipment in area hospitals. 	<ul style="list-style-type: none"> • Several students in the Biomedical program took Jay Taylor's Networking for Biomedical Professional course in December 2009.
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> • Jay Taylor offered the EET 290 Networking for Biomedical Professionals I and II on December 14-18, 2009. These courses were well received by Biomedical folks working in hospitals as well as current students. • Two more intensive seminars are scheduled for May 6, 7, and 8 for Wireless and May 10, 11 and 12 for security. 	<ul style="list-style-type: none"> • Contact Nerur Satish if you are interested in the Networking for Biomedical Professionals workshop/seminar. • Copies of the program spotlight on the Biomedical program that was published in the Owens Career Focus Winter 2010 volume was distributed to advisory members present.
Program and Curriculum Enhancements	<ul style="list-style-type: none"> • 	
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> • Computers and hardware in various rooms have been upgraded. • A Fanuc robot with vision system (LR Automatic 200iC with Vision Option) has been acquired. • Two EET rooms (ET 171 and ET 154) have been upgraded with overhead AV systems. 	<ul style="list-style-type: none"> • NI (National Instruments) MultiSim license was purchased to update the virtual workbench used in the curriculum.
Accreditation Status	<ul style="list-style-type: none"> • Successfully completed the ATMAE (formerly NAIT) accreditation visit during Spring 2009. Accreditation was awarded to 20 School of Technology programs. • Accredited programs in the EET area are: Electrical/Electronics Technology, Biomedical Electronics, Computer Science, Automation Electronics, and Wide Area Networking. 	<ul style="list-style-type: none"> • One faculty member from each of the SOT departments is attending the regular SOT Chair meetings. Don Szymanski is the EET representative. • Thanks was given to advisory members that helped with the accreditation visit.
Other	<ul style="list-style-type: none"> • As there is a push for more remote monitoring of equipment, Cisco is being integrated into more systems. • Advisory members were thanked for their commitment and service. • The meeting adjourned at 12:40 p.m. 	<ul style="list-style-type: none"> • Advisory members should let Nerur Satish know if they are interested in any kind of specialized training. • Chair-Mike Sparks, Vice Chair-Steve Hanenkraft, Secretary-John Schwarzkopf