

Owens Community College

Biomedical Electronics Major Advisory Meeting

Date: October 31, 2008

Location: Owens Community College, LE 145-147

Industrial Attendees: Drew Baden, Michael Bayes, Brandon Beverick, RJ Braden, Gunter Brunner, John Butson, Steve Byerly, David Feltner, Don Finney, Ted Fisher, Dawn Grygier, Steve Hanenkrath, Robert Hanna, Robert Harold, Jim Olzak, Robert Plotner, David Schuck, John Schwarzkopf, Mike Sparks, David Thompson, Barbara Vidra, Wolsiffer

Student Attendees: Jason Barlekamp, Branden Beverick, William Budd, Joseph McCauley, Chad Walasinski

Owens Attendees: Bruce Busby, Lynn Kendall, Nerur Satish, Tom Mahas, Dave Shaheen, Bill Shepherd, Paul Svatik; Advisor Stan Paige

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 12:35 p.m. by Chair Mike Sparks. • All minutes are posted to the School of Technology website under the appropriate program. 	
Enrollment and Retention Report	<ul style="list-style-type: none"> • The overall EET Department enrollments have increased 2% -- 345 students fall 2007 to 353 students this semester. • Biomedical , Computer Science, and WAN programs have seen an increase in enrollment numbers from fall 2007. Electrical/Electronics and Automation Electronics have both seen a slight decline. • Stan Paige reported there are now over 21,000 students at Owens. A new Dean of Enrollment Services has just been hired. This individual will oversee and coordinate all activities between the recruitment, advising and student services areas. The FYE (First Year Experience) is a new initiative for retention. The School of Technology has its own Technology in Society course that serves that purpose. 	<ul style="list-style-type: none"> • Tech Prep students will be touring the School of Technology and the Campus on November 6th. There are several students from Clay High School and Four County Career Center interested in the EET programs. • The EET Department will be participating in an “We are IT” event on November 14th. There will be approximately 200 high school girls touring the facilities in an effort to get them interested in IT. The EET Department will provide hands-on projects for 36 students in Computer Diagnostics and 48 students in Computer Forensics.
Faculty Report	<ul style="list-style-type: none"> • Paul Svatik reported that he will be retiring in December after 30 years of being with the College. • This semester’s Biomedical Internship class of 18 is the largest there has been in a long time. He hopes that whoever replaces him will carry on with what he has started. • Paul Svatik has been the Vice President of the Ohio Clinical Engineering Association for the past two years which has been a tremendous experience and great for biomedics throughout the state. • A Biomedical certificate was created for Biomedical Professionals which consists of Anatomy & Physiology, 	<ul style="list-style-type: none"> • The College awarded Paul Svatik with the “Apple of the Month” for October to recognize his outstanding service to the department, School of Technology and the Biomedical field at large. • Paul Svatik thanked everyone from the clinical sites for their work with the internship program. Because of them, students are learning on the latest state-of-the-art equipment. • Dave Shaheen has finished the certification process for Quality Matters, which reviews the content of web courses. There are now three faculty members that are reviewers.

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	<p>Inorganic and Organic Chemistry, and Biomedical Instrumentation I and II. The Instrumentation courses are offered in a three 8-hour day sequence for 1.5 credits. There have been over 100 participants in the seminars to-date.</p> <ul style="list-style-type: none"> • Dave Shaheen reported that the Findlay Campus held an Engineering Camp for 8th graders this past summer. The campus has purchased portable PLC trainers for training at off-campus sites. 	
Student Report	<ul style="list-style-type: none"> • Student Jason Barlekamp stated he is a little over half way through the Biomedical program. He feels the internships are immensely helpful and would not want a standard lab at school. He has found that a quarter of his time is spent on networking problems. 	
Outcomes Assessment Status Report	<ul style="list-style-type: none"> • Faculty facilitators are now part of the college-wide SLAC (Student Learning and Assessment) Committee who are working with standardized rubrics and uniform ways of evaluating the current assessment reports. • Jay Taylor is still the EET faculty representative for the TAGs. Emphasis is on a set of courses that will be universally accepted throughout the State of Ohio for transfer. 	<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.
Outcomes Competency Validation	<ul style="list-style-type: none"> • The committee also reviewed and approved the program competencies in conjunction with the outcomes assessment report. 	
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> • See faculty report. • Paul Svatik who is VP of OCEA arranged for a vendor seminar that was hosted by Mike Sparks at St. Vincent/St. Anne Hospital. Nathan Miles from Philips Medical Systems presented at this seminar. 	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> • Dan Wedding and Lynn Kendall have worked out the LCD display hardware that will serve the needs of the EET 119 Visual Basic Programming class. • Professor Patrick Toppe of Gateway Technical College has video files on-line in the area of DC, AC, Mutisim, and Ecel Camtasia that can be downloaded onto student's iPod. This is a free resource that can be very valuable to students and faculty. • Book vendors such as Pearson are working with college campuses to facilitate electronic textbooks as a low cost 	<ul style="list-style-type: none"> • Electronic Workbench used in EET 211 has been bought by National Instruments, so MultiSim software will be used for the virtual needs of this class. • An addendum to the 2008-2010 catalog is now on-line. All curriculum changes are outlined in this addendum.

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	option for students.	
Equipment, Facilities, and Staffing	<ul style="list-style-type: none">• The HR process is in motion to hire the replacement for Paul Svatik. Student Joseph McCauley will be a member of the selection committee along with several faculty and administrators.• A new Fanuc Robot was submitted as part of this year's capital requests.• The College is planning to add expanded offerings in Arrowhead Park possibly for Fall 2009.	<ul style="list-style-type: none">• Input from advisory members determines what direction the program is going and what equipment to purchase.
Accreditation Status	<ul style="list-style-type: none">• ABET (Accreditation Board for Engineering Technology) will conduct a site visit in the Fall of 2009. Plans are to seek recertification of EET and a new certification for Biomedical and Computer Science.• NAIT (National Association for Industrial Technology) will conduct a site visit in Spring 2009. Plans are to seek accreditation for all programs.	Student materials are currently being collected for both accreditation site visits.
Other	<ul style="list-style-type: none">• Dr. Busby reported that the CEO of CleveMed will be making a presentation to the College in the near future. They would like our campus to be the test site for an instrument that measures brain waves.• The meeting adjourned at 1:45 p.m.	<ul style="list-style-type: none">• Chair-Mike Sparks, Vice Chair-Steve Hanenkrath, Secretary-John Schwarzkopf