

Owens Community College

Biomedical Electronics Major Advisory Meeting

Date: March 19, 2009

Location: Café Marie, Perrysburg

Industrial Attendees: Steve Hanenkraht, Tim Pflgebraar, Tom Sbrocchi, John Schwarzkopf, Bill Shade, Mike Sparks, Dave Thompson

Student Attendees: Jason Barlekamp

Owens Attendees: Mark Durivage, Nerur Satish, Lynn Kendall; Advisor-John Hrivnyak

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 11:45 a.m. by Chair Mike Sparks. All minutes are posted to the School of Technology website under the appropriate program. 	<ul style="list-style-type: none"> Minutes of the spring 2008 meeting were reviewed and approved.
Enrollment and Retention Report	<ul style="list-style-type: none"> The overall EET Department enrollments have increased 17.4%. The Biomedical program enrollments are up 12% (from 79 to 90 students). High school tours were done in Fall 2008 with specific hands-on projects for visiting students. Advisor, John Hrivnyak, explained that Enrollment Services has come up with a new way to offer Reg Rocks which seems to work better. Students are able to get general questions answered in a very informal setting. They are given information on who to contact for more specific information and/or tours. 	<ul style="list-style-type: none"> Advisor John Hrivnyak felt it would help to have current students available for prospective students to talk to at the Reg Rocks event.
Faculty Report	<ul style="list-style-type: none"> Mike Sparks reported that there are 17 students in the EET 251 class this semester. All are doing well in the classroom and in their internships. The student's main concern at this point is placement. Because NW Ohio is saturated, students will need to be willing to relocate. 	<ul style="list-style-type: none"> Mike Sparks will help with an orientation meeting on April 20, 2009, for EET 250 biomedical students starting their clinicals in Fall 2009.
Student Report	<ul style="list-style-type: none"> Student Jason Barlekamp stated that things are going pretty well with the students. He is hearing complaints from current and past students regarding how relevant the electronic systems course is for this degree. 	<ul style="list-style-type: none"> The EET Department will investigate replacing the Electronics System course with something more relevant, i.e., networking. Student Jason Barlekamp felt that more soldering and troubleshooting should be incorporated into the curriculum.
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 	<ul style="list-style-type: none"> The NAIT self study report has been submitted for the April 15, 16, and 17, 2009, visit. Student course material is being collected and displayed for the visiting team in room IET 130. Fall semester classroom presentations from three different classes were taped and put on a DVD to

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	<p>section of administrators and faculty members.</p> <ul style="list-style-type: none"> • Several continuous improvement items are planned to be implemented in regards to the web/hybrid offerings. 	<p>show NAIT evaluators evidence of learning outcomes achieved by students.</p>
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. 	
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> • In celebration of the National Biomedical/Clinical Engineering Week, Owens will be hosting the OCEA Northwest Ohio Regional meeting on May 12, 2009, at 5:00 p.m. in AVCC 125-128 on the Toledo Campus. Please let Dick Felton at OCEA know if you plan to attend. 	<ul style="list-style-type: none"> • Networking for Biomedical Professionals II is scheduled for May 11, 12 and 13, 2009. Jay Taylor will be teaching the course. Advisory members should pass the word and let Nerur know if anyone is interested in registering for the class.
Program and Curriculum Enhancements	<ul style="list-style-type: none"> • MTH 128 College Algebra is being expanded to a 4 credit hour class starting Spring 2010 to include learning outcomes expected to be covered in this course. 	
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> • The School of Technology is working to fill Professor Paul Svatik's position. The challenge is finding someone with a CBET or equivalent certification who is interested in taking the position. 	<ul style="list-style-type: none"> • Cisco ASA 5510 (Cisco Adaptive Security Appliance) was purchased for use in the security curriculum. • NI (National Instruments) MultiSim was purchased to update the virtual workbench used in the curriculum.
Accreditation Status	<ul style="list-style-type: none"> • As mentioned earlier, the NAIT accreditation team will be conducting a program site visit on April 15, 16, and 17, 2009. • Dean Mark Durivage explained that a letter was received from ABET stating that if the name of the program isn't changed, it will not be eligible for accreditation. Mark is meeting with School of Technology faculty on March 20th to discuss the value of keeping the ABET accreditation. 	<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.
Other	<ul style="list-style-type: none"> • Advisory members were thanked for their commitment and service. • The meeting adjourned at 12:55 p.m. 	<ul style="list-style-type: none"> • Advisory members should get any information on job opportunities to Nerur Satish. • Chair-Mike Sparks, Vice Chair-Steve Hanenkraft, Secretary-John Schwarzkopf