Owens Community College

Combined Automation Electronics Engineering and Electrical/Electronics Engineering Technology Advisory Meeting

Date: April 2, 2009

Location: Café Marie, Secor Road, Toledo, Ohio

Industrial Attendees: R. J. Braden, Craig Browne, Wayne Corggens, Steve DeLonge, David Feltner, Don Finney, Brent Lamarand, Charles Lupien, Jim Olzak, Robert Plotner, Jim Wolsiffer

Student Attendees: Nick Stainbrook, Chad Walasinksi

Owens Attendees: Mark Durivage, Nerur Satish, William Shepherd, Donald Szymanski

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	• The meeting was called to order at 8:40 a.m. by Vice Chair Brent Lamarand. • All minutes are posted to the School of Technology website under the appropriate program.	• Minutes of the spring 2008 meeting were reviewed and approved. • The catalog addendum is on-line and a copy of the program curriculum was circulated for members to review.
Enrollment and Retention Report	• The overall EET Department enrollments have increased 17.4%. • The Electrical/Electronics (EETT) program enrollments are up 24.8% (from 84 to 109 students). • The Automation Electronics Engineering (AEEM) program enrollments are down by 3 students. • High school tours were done in Fall 2008 with specific hands-on projects for visiting students.	• Enrollment Services has come up with a new way to offer Reg Rocks which seems to be well received by prospective students and their parents. 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.
Faculty Report	• Bill Shepherd reported that enrollment is steady with a new student base coming from Workforce & Community Services area. New equipment in the form of new robots is on the horizon. New topics in the classroom include alternative energy being added to the Industrial Wiring, Codes, and Systems. A photovoltaic system was installed last week and wind systems are soon to be installed. A group project in Electronic Systems is allowing students to design a pulse width modulation AC motor controller. • Don Szymanksi gave an NAIT visit update. He reported that EET 205 is being revamped and a MTH 128 update is in process.	
Student Report	• Student Chad Walasinksi stated that hands-on learning at Owens was very helpful after his background in US Navy. He is getting good schematic knowledge in the EET classes. Chad felt the electronic workbook MultiSim by National Instruments is working well. • Student Nick Stainbrook is undecided about his major at this point, but finds technology is interesting. He feels that having	• Student Chad Walasinksi recommended new processors and updates to the SDK boards. Dr. Daniel Wedding and Dr. Peter Szymanksi are already looking into this. • Chair Nerur Satish offered student Nick Stainbrook a job shadow, one-on-one, with faculty to help him decide his major.

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	class once a week is a bit of an overload. If information were better spread out, it would help him.	
Outcomes Assessment Status Report	• 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. • Several continuous improvement items are planned to be implemented in regards to the web/hybrid offerings.	• 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 show NAIT evaluators evidence of learning outcomes achieved by students.
Outcomes Competency Validation	• There is good benchmarking with competencies in the AEEM and EETT fields as students learn the hardware, software, and electrical/electronic skills for the current marketplace.	• Industry practices are brought into EET courses by the various adjuncts who are working in the field.
Professional Development, Partnerships and Articulation	• State-wide TAG articulations are in place for EET 101, 102, 110, 201 and 205. They are listed as OET 001, OET 003, OET 005, OET 002 and OET 004, respectively.	
Program and Curriculum Enhancements	• 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. • Dean Mark Durivage gave an update on the Alternative Energy program.	• Brent Lamarand and Jim Olzak both volunteered to serve on the Alternative Energy Advisory Committee.
Equipment, Facilities, and Staffing	• 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. • Once the old Penta facility is on-board, the current Haas lab may be used as a PLC and robot room.	• NI (National Instruments) MultiSim was purchased to update the virtual workbench used in the curriculum. • Capital requests were discussed on 3/30/09 – approval is anticipated soon.
Accreditation Status	• As mentioned earlier, the NAIT accreditation team will be conducting a program site visit on April 15, 16, and 17, 2009. • The School of Technology is in the process of deciding the value of ABET accreditation.	• One faculty member from each of the SOT departments is attending the regular SOT Chair meetings. Don Szymanski is the EET representative. • Advisory members agreed on not seeking ABET accreditation.
Other	• Advisory members were thanked for their commitment and service. • The meeting adjourned at 10:00 a.m.	• Dean Mark Durivage also mentioned that the School of Technology is exploring a Processing Technology degree. • Chair-Bob Harold, Vice Chair-Brent Lamarand, Secretary-Bob Plotner

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