

Owens Community College

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

Date: November 5, 2007

Location: Owens Community College, Law Enforcement 145/147

Industrial Attendees: Craig Browne, Don Finney, Ted Fisher, Bob Hanna, Bob Harold, Sri Kolla, Brent Lamarand, Scott Loehrke, Chuck Lupien, Tom McLeary, Nathan Miles, Sean Nestor, Dan Niedzwiecki, Jim Olzak, Dave Schuck, John Schwarzkopf, Bill Shade

Student Attendees: Jeremy Cook, Anna Counterman, Aaron McLuckie, Victor Sambo, Gerald Trudeau, Eric Zakrzewski

Owens Attendees: Guenter Brunner, Bruce Busby, Mark Durivage, Lynn Kendall, Tom Mahas, Nerur Satish, Bill Shepherd, Paul Svatik, Don Szymanski, Jay Taylor, Dan Wedding; Advisor-Don Standish

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 5:40 p.m. by Chairman Bob Harold. 	<ul style="list-style-type: none"> • Minutes of the previous meeting can be viewed on the Owens web site and will be approved at the spring meeting.
Enrollment and Retention Report	<ul style="list-style-type: none"> • The overall EET Department enrollments have increased 22% -- 283 students fall 2007 to 345 students this semester. • Overall School of Technology (SOT) numbers are up by 9% -- 1227 students fall 2007 to 1340 students this semester. • Biomedical, Computer Science, Automation Electronics, and Wide Area Networking have all shown a gain in enrollments from last fall. • An all-female “We are IT” event is planned for November 16. There are 100 girls registered so far. • Tech Prep students are currently coming to Owens for testing. A \$2000 Tech Prep Scholarship is available which will hopefully entice students. • The SOT participated in a college-wide orientation event for high school guidance counselors called “Start Your Engines – Counselor Update 2007”. 	<ul style="list-style-type: none"> • The First Year Experience has been incorporated into the SOT Technology and Society course. • Supplemental instructors are being investigated for classes with high drop out or failure rates. • Each school will soon have Student Success Mentoring. • The advisory process is being decentralized, allowing an advisor to be available for each school. • The Deans will be sending follow-up letters to individuals who requested information thanking them for their interest. • Nerur Satish will contact Jennifer Ireland regarding February’s National Engineering Week activities. • Instant Messaging/Chat is in the piloting stage on the Owens web site.
Faculty Report	<ul style="list-style-type: none"> • Bill Shepherd explained that removing Industrial from the program title supports the idea that automation occurs in places other than industry and emphasizes that the program is engineering. • The SLC5/03 PLC was interfaced to the Baldor Motor Controller by using an analog I/O card & PLC for motor speed control. • The Device Net network was switched over from PLC5 to SLC5/03. • Industrial & Automation Electronics student, Mark Robertson, received the Spring 2007 EET 	<ul style="list-style-type: none"> • The name of the program was changed from Industrial and Automation Electronics to Automation Electronics Engineering Major. • Going on-line this spring is the Amatrol Process Control System – flow control system that pumps water and allows controlling & measuring flow and pressure. • Any advisory members interested in teaching should let Nerur Satish or any of the faculty know.

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	<p>Outstanding Graduate award and student Mike Shiminsky was nominated for Fall 2007 graduation speaker.</p> <ul style="list-style-type: none"> • Don Szymanski reported that the EET program is good on equipment and software. Even so, new software is always being evaluated. He is currently looking for a new book for EET 110. 	
Student Report	<ul style="list-style-type: none"> • Student Gerald Trudeau likes the hands-on emphasis and practical applications of the program. He also likes the small classes and individual attention. • Student Jeremy Cook also likes the hands-on experience. Being able to see PLCs work is great. He believes he has taken more advanced classes than his friends who are going to UT. 	
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. 	
Outcomes Competency Validation	<ul style="list-style-type: none"> • Competencies continue to be reviewed and modified where needed. 	
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> • Jay Taylor is participating in the Ohio Statewide TAG effort. • Paul Svatik is serving as Vice President of the Northwest Ohio Region of the Ohio Clinical Engineering Association (OCEA). • Jay Taylor attended the HL7 and DICOM seminar given by Otech in Grapevine, Texas, in September. • There has been good interaction with educational partners such as BGSU. Dr. Sri Kolla has invited EET Department faculty and tech teams to work closely with them. What can be learned from each other is very useful. 	<ul style="list-style-type: none"> • The Department will continue to work with Tech Prep and local high schools and universities to define and refine articulations. • Dan Solarek from UT College of Engineering technology has proposed to partner with the SOT in the Ohio First Scholarship program. Our programs could feed into the 2 + 2 in areas such as Entrepreneurship Program in Technology.
Program and Curriculum Enhancements	<ul style="list-style-type: none"> • See faculty report. • Visual Basic will be offered Spring 2008. • Smart Board Technology is being used in lab 153. • Computer Digital Forensics courses are being woven into the WAN curriculum. 	<ul style="list-style-type: none"> • The first digital forensics course will be added to the Computer Science curriculum as a technical elective.

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Equipment, Facilities, and Staffing	<ul style="list-style-type: none">• The Process Control System brought in under the AIM program will be shared with the Automation Electronics program.• Computer Diagnosis hardware, laptops, routers and switches and precision multimeters are being purchased with capital equipment funds.	<ul style="list-style-type: none">• Several Owens Community College courses are being offered at The Source in Toledo.
Accreditation Status	<ul style="list-style-type: none">• SOT programs have continued ABET or NAIT accreditation through 2009.	
Other	<ul style="list-style-type: none">• Meeting adjourned at 6.45 p.m.	<ul style="list-style-type: none">• Chair-Bob Harold, Vice Chair-Brent Lamarand, Secretary-Bob Plotner