

# Owens Community College

## Electrical/Electronics Engineering Technology Major Advisory Meeting

Date: April 1, 2011

Location: Honey Diner, Walbridge, Ohio

Industrial Attendees: RJ Braden, Wayne Corggens, David Feltner, Don Finney, Charles Lupien, Jim Olzak, Bob Plotner, Jim Wolsiffer

Student Attendees: Aleksey (Alex) Bredyuk

Owens Attendees: Glenn Rettig, Nerur Satish, Bill Shepherd, Don Szymanski, Randy Wharton

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> <li>• The meeting was called to order at 9:10 a.m. by Chair Wayne Corggens.</li> <li>• All minutes are posted to the School of Technology website under the appropriate program.</li> </ul>	<ul style="list-style-type: none"> <li>• Minutes of the spring 2010 meeting were reviewed and approved.</li> </ul>
Enrollment and Retention Report	<ul style="list-style-type: none"> <li>• The overall spring 2011 EET Department enrollments have increased 4.3% compared to spring 2010.</li> <li>• The Electrical/Electronics program enrollment is up 12.4% (from 105 to 118 students).</li> <li>• The EET Department participated in the “We are IT” event targeted for attracting Women into Engineering/IT field. Several hands-on projects were presented.</li> <li>• Eighty percent of students initially enrolling are taking developmental or remedial course work before they take regular course work. The Compass test helps to determine the in-coming student’s level of reading, writing and math and whether they need developmental courses.</li> </ul>	<ul style="list-style-type: none"> <li>• The College has hired a consultant to do a market analysis and demand study to help in the area of student retention. Programs that have room for expansion will be targeted for advertising.</li> <li>• The School of Technology (SOT) is in the process of advertising for a resident Advising Manager. This person will be supervising a number of other advisors designated for SOT students and will be coordinating information with other advisors on campus. It is hoped to have this position filled by the end of April 2011.</li> </ul>
Faculty Report	<ul style="list-style-type: none"> <li>• Bill Shepherd reported that some of the courses have been restructured to eliminate duplication of material covered in other areas of study. The PLC courses have been changed to 1.5 lecture and 1.5 lab. This is the first semester it has been offered that way and it is going fairly well. The same change was made to the Robots class (1.5 lecture and 1.5 lab). Bill had to pare down some of the material and finds he may need to pare it down more. The few minor problems with the Fanuc robot, as well as the learning curve to get it up and running, have been worked out.</li> <li>• Don Szymanski reported that the Electronics curriculum hasn’t changed. The Department is always looking at tweaking things or adding new topics. EET 220 Electronic Drafting is now a CAD course. It did not run this semester, but with the additional CAD students taking it, it should run next spring. The CAD students will get a little bit of review at the beginning of the course, but it won’t hurt them.</li> </ul>	<ul style="list-style-type: none"> <li>• Nerur Satish will be retiring this year at the end of July. He has been an excellent and superb Chairman and will be missed.</li> <li>• The regular version of AutoCAD is being utilized once again. The clone software just didn’t work as well. A deal was worked out with AutoDesk to get 100 seats for \$30,000 and the software belongs to Owens for as long as it is needed. Students are able to download a student version of AutoCAD to use at home at no cost.</li> <li>• The Paytner book was a really good book, but the publisher dropped it. The current book has a higher level of math than is needed. It has been decided to go with a book by Malvino that was formerly used in the program and is close to the Paytner book.</li> </ul>

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Student Report	<ul style="list-style-type: none"> <li>• Student Alex Bredyuk has a bachelor's degree in business. He has a few more Electronics classes to finish up before transferring to UT. Owens' EET classes have helped him because they go into more depth -- UT's classes just skim over the material. He feels that a four-year degree is needed if you want to get a good job.</li> </ul>	
Outcomes Assessment Status Report	<ul style="list-style-type: none"> <li>• Outcomes have been reviewed and most areas met or exceeded expectations. Areas not meeting expectations were not due to program instruction.</li> <li>• The SLAC (Student Learning and Assessment) Committee was broadened to include representation from a wider cross-section of administrators and faculty members.</li> </ul>	<ul style="list-style-type: none"> <li>• The College is now using an Account Management System called TaskStream. All assessment data will be stored in this system and can be easily accessed for report generation and information retrieval.</li> </ul>
Outcomes Competency Validation	<ul style="list-style-type: none"> <li>• There are industry standard competencies in all areas of Electrical/Electronics Engineering Technology.</li> </ul>	<ul style="list-style-type: none"> <li>• There is state-of-the-art learning validation for this program and competencies are based on active industry feedback and curriculum updates.</li> </ul>
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> <li>• A Bio Ohio grant through the Department of Labor is available to unemployed and underemployed individuals to use as a path to employment.</li> <li>• Bill Shepherd and Lynn Kendall have been through the Fanuc training.</li> </ul>	<ul style="list-style-type: none"> <li>• The Bio Ohio grant is adding students to the Biomedical program and the Bioscience Tech certificate.</li> </ul>
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>• See Faculty Report.</li> <li>• Statewide transferability of courses has led to the renaming of a few of the Math courses: MTH 128 = MTH 170 MTH 228 = unchanged MTH 130 = MTH 175 MTH 131 = MTH 180</li> </ul>	<ul style="list-style-type: none"> <li>• Curriculum processes are being updated and revised to better streamline submissions.</li> <li>• A curriculum handbook is in place to better define expectations of the change process.</li> <li>• Acalog, an on-line catalog process, is now in place making information updates easier.</li> </ul>
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> <li>• The new overhead projectors and other improvements in several EET labs have been well received by students and faculty.</li> </ul>	<ul style="list-style-type: none"> <li>• Linda Deutsch resigned at the end of the fall 2010 semester. A strategy for her replacement is being developed.</li> </ul>
Accreditation Status	<ul style="list-style-type: none"> <li>• ATMAE (formerly NAIT) awarded accreditation to 20 School of Technology programs through 2015. Accredited programs in the EET area are: Electrical/Electronics Technology, Biomedical Electronics, Computer Science, Automation Electronics, and Wide Area Networking.</li> </ul>	<ul style="list-style-type: none"> <li>• One faculty member from each of the SOT departments is attending the regular SOT Chair meetings. Don Szymanski is the EET representative.</li> </ul>
Other	<ul style="list-style-type: none"> <li>• Advisory members were thanked for their commitment and service.</li> <li>• The meeting adjourned at 10:25 a.m.</li> </ul>	<ul style="list-style-type: none"> <li>• Chair-Wayne Corggens, Vice Chair-Jim Wolsiffer, Secretary-Bob Plotner</li> </ul>