

# Owens Community College

## Biomedical Electronics Major Advisory Meeting

Date: March 23, 2006

Location: Café Marie, Perrysburg

Industrial Attendees: Steve Byerly, Steve Hanenkrath, Tom Sbrocchi, Mike Sparks, Dave Thompson

Student Attendees: Neil Wielinski

Owens Attendees: Mark Durivage, Nerur Satish, Paul Svatik, Advisor-Cheryl Garlow

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 1:05 p.m. by Chairman Mike Sparks.</li><li>• The new 2006-2007 catalog was circulated at the meeting for members to review.</li></ul>	<ul style="list-style-type: none"><li>• Minutes of the previous meeting were reviewed and approved.</li></ul>
Enrollment and Retention Report	<ul style="list-style-type: none"><li>• Enrollment in the Biomedical program is up 17% from last spring for a total of 49 students.</li><li>• Overall EET Department enrollments are down slightly from last spring.</li><li>• Eight area schools were targeted resulting in 278 students touring School of Technology programs.</li><li>• Internship opportunities are a great attribute for students.</li></ul>	<ul style="list-style-type: none"><li>• With help of the Marketing department, a School of Technology view book is being pursued.</li></ul>
Faculty Report	<ul style="list-style-type: none"><li>• Paul reported that there was a problem with the power supplies blowing fuses, so newer ones were purchased to solve the problem.</li></ul>	<ul style="list-style-type: none"><li>• Having students purchase a project-based Triple Power Supply kit is being considered. Students would build their own Breadboard to keep allowing them to work on their labs at home. Cost would run approximately \$130 per student.</li></ul>
Student Report	<ul style="list-style-type: none"><li>• Neil reported that his courses have been invaluable to him and the internship will be a tremendous help in providing work experience needed to obtain a position.</li><li>• He felt that EET 170 Networking was a weak spot in the curriculum due to it being an on-line Cisco course.</li><li>• The program is at the maximum 73 credit hours, so current courses would have to be revamped to cover additional content.</li></ul>	<ul style="list-style-type: none"><li>• He suggested replacing it EET 170 with Advanced Computer Diagnosis</li></ul>
Outcomes Assessment Status Report	<ul style="list-style-type: none"><li>• Areas not meeting expectations were not due to program instruction.</li><li>• A new rubric for EET 250 and a copy of the achievement rubric being utilized by all School of Technology departments was reviewed.</li></ul>	<ul style="list-style-type: none"><li>• Graduate surveys for 13 Fall 2005 EET department graduates were mailed on Feb. 28, 2006.</li></ul>

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Outcomes Competency Validation	<ul style="list-style-type: none"> <li>• Program competencies have been revised</li> </ul>	<ul style="list-style-type: none"> <li>• Committee approved the revised competencies</li> </ul>
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> <li>• Paul has been named as the Vice President of OCEA (Ohio Clinical Engineering Association).</li> <li>• Jay Taylor, lead faculty in WAN Technology, will present Networking topics at the OCEA meeting on April 12 at Owens.</li> <li>• Jay Taylor is representing Owens in a state-wide pilot panel for the Ohio Board of Regents.</li> <li>• Nerur attended the NASA Technology roundtable at EISC in Toledo. The presenter was Dr. Mark McDowell who is a scientist at the NASA Glenn Research Center in Cleveland, Ohio. He is developing novel Biomedical experiments and capabilities utilizing the CMIS (Compact Microscope Imaging System with Intelligent Controls – patent pending).</li> </ul>	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>• EET 281 is a new replacement for EET 170 that is being offered both Summer and Fall 2006. Students will require Simulation software that will complement and enhance their learning with lab work.</li> </ul>	<ul style="list-style-type: none"> <li>• EET 170 will be phased out.</li> <li>• EET 281 will be implemented in a 16-week format.</li> </ul>
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> <li>• IET 153 overhead projection scheme is in place. 75 new hard drives were purchased and are in place. EET 130, Computer Diagnosis, is running 8 land-based and 2 web classes this spring.</li> <li>• IET 140 has the new Multi-Sim operational. The remote server updates are working fine.</li> <li>• IET 163/167 Networking Lab had new computers, racks and patch panels implemented.</li> </ul>	
Accreditation Status	<ul style="list-style-type: none"> <li>• NAIT accreditation received for all programs reviewed.</li> </ul>	<ul style="list-style-type: none"> <li>• NAIT logo has been placed on pages of all accredited program in the 2006-2007 catalog.</li> </ul>
Other	<ul style="list-style-type: none"> <li>• Members were invited to attend the OCEA meeting mentioned previously. Event is scheduled for Wednesday, April 12, from 5-9 p.m. in IET 109. Let Paul Svatik know if you plan to attend.</li> <li>• Members thanked for commitment and service</li> </ul>	<ul style="list-style-type: none"> <li>• Chair-Mike Sparks, Vice Chair-Steve Hanenkrath, Secretary-John Schwarzkopf</li> <li>• Meeting adjourned at 1:55 p.m.</li> </ul>