

# Owens Community College

## Biomedical Electronics Major Advisory Meeting

Date: March 18, 2011

Location: Honey Diner, Walbridge, Ohio

Industrial Attendees: Nathan Miles, Jacob Morrison, Al Noller, Roger Phillips, John Schwarzkopf, Mike Sparks, Paul Svatik, Dave Thompson

Student Attendees: Matt Brentlinger

Owens Attendees: Lynn Kendall, Nerur Satish

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 12:35 p.m. by Chair Mike Sparks.</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 Biomedical program enrollments are up 7.2% (from 97 to 104 students) from last spring.</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>• Owens is one of five colleges involved with a Department of Labor grant program called BioOhio. Six students are already enrolled and Nerur Satish is working on recruiting another. Completers of the program need to be willing to relocate, if necessary, to find a position.</li> </ul>	<ul style="list-style-type: none"> <li>• Nerur Satish announced that he will be retiring this year at the end of July.</li> <li>• Enrollments are on the upswing thanks to the great network of support from our clinical relationships at the area hospitals.</li> <li>• The College has hired a consultant to do a market analysis and demand study to help in the area of student retention.</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>• Linda Deutsch left at the end of fall semester to accept a position in industry. Paul Svatik has returned to help out. Paul reported that AIMEE has a group that is meeting to try to standardize the biomedical curriculum. He has informed them that Owens has 11 clinical hospital sites that are the best labs available and do not cost a thing.</li> <li>• Mike Sparks reported that his current class of 22 students is doing well. They all are enjoying working in the hospital environment.</li> </ul>	<ul style="list-style-type: none"> <li>• Al Noller from Firelands Hospital stated that the students coming from Owens are superior to the others he has had.</li> <li>• Nathan Miles from Philips Medical said they have fewer service calls to NW Ohio than SE Michigan due to the quality of students being produced at Owens.</li> <li>• An orientation session for internship students will be held on April 18<sup>th</sup>.</li> </ul>
Student Report	<ul style="list-style-type: none"> <li>• Student Matt Brentlinger stated he has been through many courses and the Biomedical program at Owens is the best one. The internship at the hospital allows you to work on the equipment and meet the people within the industry. He is able to ask questions and get answers. He has learned a lot.</li> </ul>	

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Outcomes Assessment Status Report	<ul style="list-style-type: none"> <li>• Outcomes have been reviewed and most areas met or exceeded expectations.</li> <li>• 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 the Biomedical program.</li> </ul>	<ul style="list-style-type: none"> <li>• There is hospital state-of-the-art learning and competency validation for this program.</li> </ul>
Professional Development, Partnerships and Articulation	<ul style="list-style-type: none"> <li>• Owens' partnerships with all the area hospitals are strong.</li> </ul>	<ul style="list-style-type: none"> <li>• The BioOhio grant is adding 10 students maximum to the program.</li> </ul>
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>• Statewide transferability of courses has led to the renaming of a few of the Math courses: MTH 128 = MTH 170 MTH228 = 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>• Lynn Kendall reported that remote racks for a Cisco NetLab are being implemented so that students can have remote access to the network from home. It is hoped to be completed by the end of this spring semester.</li> <li>• Overhead projector installations and improvements to several EET labs have been well received by both faculty and students.</li> </ul>	<ul style="list-style-type: none"> <li>• Jacob Morrison from Philips Medical Systems stated that web-based Cisco courses would be widely accepted by Phillips for their employees.</li> </ul>
Accreditation Status	<ul style="list-style-type: none"> <li>• ATMAE (formerly NAIT) was awarded to 20 School of Technology programs.</li> <li>• 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>• A report on concerns cited during the ATMAE visit is due this fall.</li> <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 1:40 p.m.</li> </ul>	<ul style="list-style-type: none"> <li>• Chair-Mike Sparks, Vice Chair-Steve Hanenkrath, Secretary-John Schwarzkopf</li> </ul>