

# Owens Community College

## Biomedical Electronics Major Advisory Meeting

Date: March 22, 2007

Location: Café Marie, Perrysburg

Industrial Attendees: Steve Hanenkrath, Nathan Miles, Tom Sbrocchi, John Schwarzkopf, Mike Sparks, Dave Thompson

Student Attendees: None

Owens Attendees: Mark Durivage, Nerur Satish, Paul Svatik, Jay Taylor; Advisor-Don Standish

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 12:30 p.m. by Chairman Mike Sparks.</li> </ul>	<ul style="list-style-type: none"> <li>Minutes of the two previous meetings were reviewed and approved.</li> </ul>
Enrollment and Retention Report	<ul style="list-style-type: none"> <li>Enrollment in the Biomedical program is up 24.5% from last spring for a total of 61 students.</li> <li>Overall EET Department enrollments are up 10.5% from last spring.</li> <li>Advisor Don Standish stated that word of mouth is the College's best advertising. Much recruiting is done in the high schools. Coming to advisory committee meetings is very beneficial in keeping the advisors up-to-date with what is happening in each area. There is good support from Deans, Chairs and faculty.</li> </ul>	<ul style="list-style-type: none"> <li>Program specific advertising in places such as the cable channel guide is being considered.</li> </ul>
Faculty Report	<ul style="list-style-type: none"> <li>Paul Svatik was very pleased with the input from the local biomedical community for the networking class.</li> <li>New power supplies were purchased so the problem discussed at the previous meeting has been solved.</li> <li>Paul Svatik and Jay Taylor are working together to get Biomedical professionals trained in the networking area.</li> </ul>	<ul style="list-style-type: none"> <li>The current power supply kits that are being used are no longer available, so consideration is being given to making them in-house. The transformer can be purchased for around \$28 in quantities of 50. One of the CAD classes will provide the sheet metal layout, a manufacturing class will create a cutout of the part, the welding shop will bend them and the Auto Body shop will paint them. Then, the EET Lab Technician will get the internal components and assemble them.</li> </ul>
Student Report	<ul style="list-style-type: none"> <li>No report – Student was unable to attend.</li> </ul>	
Outcomes Assessment Status Report	<ul style="list-style-type: none"> <li>Most areas met or exceeded expectations.</li> <li>Areas not meeting expectations were not due to program instruction.</li> <li>New condensed set of measures are now on-line.</li> </ul>	<ul style="list-style-type: none"> <li>A "T" drive was created for the School of Technology and document formats have been standardized to make all program information easily accessible.</li> </ul>
Outcomes Competency Validation	<ul style="list-style-type: none"> <li>Program competencies have been revised and are in the new catalog.</li> </ul>	

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<p>Professional Development, Partnerships and Articulation</p>	<ul style="list-style-type: none"> <li>• Paul Svatik is the Vice President of OCEA (Ohio Clinical Engineering Association). He has been using this position as a tool to promote the program and the College. Program exposure has been given in the national 24 X 7 magazine and the weekly Jolt.</li> <li>• Jay Taylor offered the EET 290 Networking for Biomedical Professionals course during Spring Break 2007. Biomedical Electronics technicians working in hospitals throughout the State of Ohio have shown interest. All seats filled in this class offering, and another is scheduled for May 14, 15, &amp; 16, 2007. A third class has been added for the Summer.</li> <li>• The Advanced Networking for Biomedical Professionals class will be much more specific in biomedical troubleshooting.</li> </ul>	<ul style="list-style-type: none"> <li>• Anyone wanting to sign up for the upcoming EET 290 classes need to do so as soon as possible. Class size is limited to 20 due to the number of computers available in the lab.</li> <li>• Advisory members should let Jay Taylor know what information you would like to see included in these classes.</li> </ul>
<p>Program and Curriculum Enhancements</p>	<ul style="list-style-type: none"> <li>• The success of the EET 290 course has led to considering the offering of a Biomedical Electronics Networking Certificate. Courses included would be Networking for Biomedical Electronics Professionals I and II, Wireless Data &amp; Biomedical Electronics, and Data Security &amp; Biomedical Electronics.</li> <li>• Tech Math I and II courses are being eliminated and will be replaced with a 3 credit hour MTH 128 and a soon to be developed trigonometry/ geometry course.</li> </ul>	<ul style="list-style-type: none"> <li>• As recommended by the advisory committee, EET 170 has been phased out and replaced with the new blended EET 281 course in a 16 week format. EET 281 is in place and running well.</li> <li>• Advisory members should let Nerur Satish, Paul Svatik or Jay Taylor know if there is something else that should be included in the certificate.</li> <li>• The School of Technology is currently in discussions with the Physics Department to narrow the current 5 or 6 offerings down to 2 courses that have lab as well as lecture. The topics required by the accrediting agencies will be included in these courses</li> </ul>
<p>Equipment, Facilities, and Staffing</p>	<ul style="list-style-type: none"> <li>• The College's Computer Services group bought new computers for rooms IET 167 and 163.</li> <li>• The operating systems in all lab computers have been upgraded to XP-Pro.</li> <li>• The new server in IET 172 is operational.</li> </ul>	
<p>Accreditation Status</p>	<ul style="list-style-type: none"> <li>• The Biomedical Operational Plan was shared with advisory members.</li> <li>• NAIT accreditation was received for WANT and is reflected in the new 2006-2007 College catalog. A NAIT site visit is scheduled for April 5.</li> </ul>	<ul style="list-style-type: none"> <li>• One faculty member from each department is attending regular School of Technology Chair meetings.</li> </ul>

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Other	<ul style="list-style-type: none"><li>• Members were thanked for their commitment and service.</li><li>• The meeting adjourned at 1:30 p.m.</li></ul>	<ul style="list-style-type: none"><li>• Paul Svatik asked advisory members to think about meeting at their respective business facilities each spring.</li><li>• Chair-Mike Sparks, Vice Chair-Steve Hanenkrath, Secretary-John Schwarzkopf</li></ul>
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