

# Owens Community College

## Biomedical Electronics Major Advisory Meeting

Date: March 16, 2012

Location: Industrial & Engineering Technologies, Room 130

Industrial Attendees: Greg Allegretti, Steve Byerly, Mark Carter, Steve Hanenkrath, Nathan Miles, Al Noller, E J Smith, Mike Sparks, Dave Thompson

Student Attendees: Jacob Bolger

Owens Attendees: Jacey Parks, Stan Paige, Glenn Rettig, Paul Svatik, 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 12:25 p.m. by Chair Mike Sparks.</li><li>Resmi Krishnankuttyrema (Krishnan for short) who is now the full-time faculty member/coordinator for the Biomedical program was introduced.</li><li>All minutes are posted to the Owens website under the appropriate program.</li></ul>	<ul style="list-style-type: none"><li>Minutes of the spring 2011 meeting were reviewed and approved with two changes. Under the Enrollment and Retention Report, Owens is one of 6 (not 5) colleges involved with the Dept. of Labor grant and under the Faculty Report, it should be AAMI (not AIMEE).</li></ul>
Enrollment and Retention Report	<ul style="list-style-type: none"><li>The Biomedical program enrollments in Toledo are down 26 students from last spring.</li><li>Findlay Campus Biomedical program enrollments are up five to 17.</li><li>The Biomedical program is down 21 students overall for a 18.6% decrease.</li><li>The Biomedical certificate has 4 students. This certificate was designed for people with an associate degree in Electronics and wanting to move into the Biomed field. Paul Svatik reported that a couple students from UT are in the certificate program.</li></ul>	<ul style="list-style-type: none"><li></li></ul>
Faculty Report	<ul style="list-style-type: none"><li>Paul Svatik stated there are 21 interns this semester. One of the Findlay students is interning in Lima which is a bit of a drive.</li><li>Mike Sparks reported that his current class is great and doing well. The Biomed program gets the cream of the crop electronics students. What really makes these students good employees is their experience in the hospitals.</li><li>Mike encourages his students to talk with a field service representative when they are in the hospitals. He also has reps come into the classroom to talk about that area.</li></ul>	<ul style="list-style-type: none"><li>Paul Svatik appreciates all the hospitals that were willing to pick up an extra intern or two due to the large class size.</li><li>Mike Sparks stated that the Biomed program really puts out a good product. These graduates are off to good careers and a good future.</li></ul>
Student Report	<ul style="list-style-type: none"><li>Student Jacob Bolger has enjoyed the entire program. He wishes he would have had a medical terminology class. When he started interning at Lima, the color codes and medical terminology threw him off a little. He loves the fact that he knew how the electronics worked. Interning at Lima</li></ul>	<ul style="list-style-type: none"><li>It is possible that Mike Sparks could add some medical terminology into the first part of the internship class.</li><li>There is a possibility of putting one or two labs of equipment familiarization in EET 110 or EET</li></ul>

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	<p>is great – they are up-front with him. This has been a great experience and he is looking forward to a great career. Jacob has his first interview next week in Lorain. He felt it would have been cool to take apart something medical in one of the electronics classes. Doing this could get more electronics students interested in pursuing Biomed.</p>	<p>211. Dave Thompson said he could probably come up with some equipment to donate for that purpose.</p>
Outcomes Assessment Status Report	<ul style="list-style-type: none"> <li>Glenn Rettig explained that outcomes are certain objectives that are expected of the students within the program. Each program and each course has them. The assessments are how each of those objectives or outcomes are evaluated.</li> </ul>	<ul style="list-style-type: none"> <li>Course outcomes will be reviewed at future meetings to determine if they are appropriate and if how they are being evaluated is relevant. It won't be done all at one meeting, but just a few courses at a time.</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> <li>Resmi Krishnankuttyrema will be interning at UTMC this summer. She will get first-hand experience of exactly what the students go through.</li> </ul>	<ul style="list-style-type: none"> <li>Thanks goes to UTMC for providing the internship experience for Resmi this summer.</li> </ul>
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>Paul is on the core curriculum committee with AAMI. Their objective is to get all the colleges across the U.S. to offer the same basic core curriculum.</li> <li>Advisory members felt it was advantageous for students to have CCNA certification to make them more marketable.</li> </ul>	<ul style="list-style-type: none"> <li>It was suggested that TB testing be required for internship students. They should also be advised that Hepatitis B shots are highly recommended.</li> <li>Paul Svatik will talk with Jay Taylor to see if he will put together a seminar/workshop.</li> </ul>
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> <li>Resmi Krishnankuttyrema was introduced earlier.</li> <li>The College has a new President. Dr. Mike Bowers will be starting on July 1<sup>st</sup>.</li> <li>The School of Technology has the potential to expand into the 65,000 sq. ft. high bay facility that was part of the old Penta complex. This building will be renovated to house Skilled Trades, Diesel and Automotive programs.</li> <li>The School of Technology also received \$450,000 to purchase equipment for the new Alternative Energy and Sustainable Systems program. The program will have its first graduate this May.</li> </ul>	<ul style="list-style-type: none"> <li>Jacey Parks was introduced as the School of Technology Advising Manager. The School has roughly 4,800 students which are managed by Jacey and her team of four part-time advisors. A full-time success mentor should be on-board by next fall.</li> </ul>
Accreditation Status	<ul style="list-style-type: none"> <li>The update was presented to the ATMAE Board last November. All programs that applied were granted continued accreditation until spring 2015.</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 1:30 p.m.</li> </ul>	<ul style="list-style-type: none"> <li>Chair-Mike Sparks, Vice Chair-Steve Hanenkrath, Secretary-<i>Vacant</i></li> </ul>