

# Owens Community College

## CAD Technology Advisory Meeting

Date: October 25, 2011

Location: Industrial & Engineering Technologies Building, Room 130

Industrial Attendees: Lorrie Hedges, Eric Messer, Brian Walker

Students: Bill Adams

Owens Attendees: Alan Bethea, John Hrivnyak, Stan Paige, Jacey Parks, Ralph Semrock, Randy Wharton

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> <li>▪ Meeting was called to order by Vice Chairman Eric Messer at 8:20 a.m. and introductions were made.</li> <li>▪ Minutes were distributed and reviewed.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Minutes were approved by all present and will be placed on the department web site at: <a href="http://occeng.org">http://occeng.org</a></li> </ul>
Enrollment and Retention Report	<ul style="list-style-type: none"> <li>▪ Program enrollment on the Toledo Campus is 50 students, an increase of 3 students when compared to last fall.</li> <li>▪ Findlay Campus program enrollment is 22 students, a decrease of 4 students from last fall.</li> <li>▪ There are 10 students in the certificate on the Toledo Campus and 3 in the certificate on the Findlay Campus.</li> <li>▪ The overall Design Technology student enrollment is down 14 students.</li> <li>▪ Overall School of Technology (SoT) enrollment and overall College enrollment is up this semester.</li> <li>▪ The SoT does not have a structured high school visitation program, but visits are made by the Chair and/or faculty members to various schools. Enrollment Services also goes out to the different high schools and also brings a number of schools to Owens for visits. Randy believes these activities are not as frequent as in the past, due to the change in administration, budget cuts, and not enough time.</li> <li>▪ The CAD program is holding its own and is one of the best in the area.</li> </ul>	<ul style="list-style-type: none"> <li>▪ The economy is picking up slightly as Randy has been getting a number of calls from industry looking for CAD people.</li> <li>▪ Spring 2012 will be the last semester for the Mechanical and Surveying programs which are being discontinued. Surveying courses will be offered each semester as long as there is a demand for them. After several semesters, if there is not enough demand to run these courses, the Surveying program will be done. Mechanical students not finished by the end of spring semester, can finish their coursework at UT.</li> <li>▪ Once the current Mechanical program is completely closed out, Randy Wharton will sit down with UT to see how they would like Owens to structure a new Mechanical program where the coursework can be seamlessly articulated to UT.</li> </ul>
Faculty Report	<ul style="list-style-type: none"> <li>▪ Ralph Semrock reported that he has one of the best Production Drawing classes that he has had in the last ten years. Six of the nine students registered show up regularly and are very good. The ones that do not attend classes seem to be those who are not working or their parents are paying for their classes. Both Ralph's 265 classes are doing well. It has been a real pleasure for him to teach this semester.</li> <li>▪ Alan Bethea is teaching Intro to CAD with AutoCAD with a strange mix of students. Only one or two are getting it. He is teaching Solid Works with a new textbook. The book has some mistakes, but it is much broader and goes into more depth than</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alan Bethea and part-time instructor, Kevin Mason, will be looking at the measuring equipment in the Mechanical lab to see if any can be used to test parts.</li> </ul>

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	<p>any other book he has reviewed. It also has a good price and can be used for two semesters. There are currently 9 or 10 students in Catia and Solid Works remains full. The Advanced Catia and Advanced Solid Works classes on the schedule for spring already have students enrolled in them.</p>	
Student Report	<ul style="list-style-type: none"> <li>▪ Student Bill Adams stated he can't complain about anything in the program as he is happy with everything he has taken here. He added Catia and will be taking Advanced Solid Works. Bill has advised his friend to come to Owens and not go to UT.</li> <li>▪ Alan has done an incredible amount of work taking apart an engine and transmission so that students will have actual parts to measure.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Student Bill Adams felt the program is going in the right direction. Using the micrometers, calipers, and comparator in real world applications is invaluable. He wants as much information as he can get to make him employable.</li> </ul>
Outcomes Assessment Report	<ul style="list-style-type: none"> <li>▪ A printout of last year's Outcomes Assessment Report from the Accountability Management System (Task Stream) was distributed. It is a summary of how the data was put together, what was reviewed, and what the results were. All goals for each rubric were met or exceeded, so no action was required.</li> <li>▪ The program will be evaluated each year to determine if improvements need to be made.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Randy Wharton will place the Outcomes Assessment Report on the Department website. Members should review the report and get comments and/or concerns to Randy.</li> </ul>
Outcomes Competency Validation	<ul style="list-style-type: none"> <li>▪ The committee reviewed and approved the program competencies in conjunction with the outcomes assessment report at a previous meeting.</li> </ul>	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>• The Ohio Board of Regents summary sheet that outlines the entire program was distributed. Catia and Advanced Solid Works are not required courses, but students are taking them.</li> <li>• The use of AutoCAD clones used in the past was discontinued. The program now owns the full 2011 student version of AutoCAD, so it will not have to be renewed every year.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Total credit hours for the program was increased to 70 with the addition of AIM 160 which is a prerequisite for AIM 161.</li> <li>▪ Advanced Solid Works will be added to the program as a recommended technical elective.</li> </ul>
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> <li>▪ No staffing, equipment or facility issues to report. The computers are doing okay, it is just taking a long time for them to boot up and that is being addressed.</li> </ul>	
Accreditation Status	<ul style="list-style-type: none"> <li>▪ Nothing reported.</li> </ul>	
Other	<ul style="list-style-type: none"> <li>▪ Stan Paige, Career Services Representative, gave advisory members information on Career Central. His office is reaching out to employers for positions, internships, and co-ops. It is hoped that in the future every program will have a field experience or co-op.</li> <li>▪ The meeting adjourned at 9:30 a.m.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Wes Linenkugel is Chairman; Eric Messer is Vice Chairman and Richard Barkhimer is Secretary.</li> </ul>