

# Owens Community College

## CAD Technology Advisory Meeting

Date: October 4, 2010

Location: Honey Diner, Walbridge, Ohio

Industrial Attendees: Lorrie Armstrong, Joe Brown, John Colley, Roger Gross

Students: Isaac Hock

Owens Attendees: Alan Bethea, 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 Randy Wharton at 7:40 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 47 students, a decrease of 10 students when compared to last fall.</li> <li>▪ Findlay Campus program enrollment is 26 students, down 1 student from last fall.</li> <li>▪ There are 8 students in the certificate on the Toledo Campus and 4 in the certificate on the Findlay Campus.</li> <li>▪ The overall College enrollment is down 15.5 percent</li> <li>▪ Enrollment for the School of Technology is down 22 percent.</li> <li>▪ Randy Wharton explained that the current Owens administration is more concerned with student retention, than with enrollment numbers.</li> <li>▪ Lower enrollment could be due to more colleges in the area and the negative publicity received on the nursing accreditation.</li> </ul>	<ul style="list-style-type: none"> <li>▪ The Mechanical and Surveying programs are being deactivated due to low enrollment. Courses will be offered on a regular basis until the Spring of 2012. These programs can be re-activated in the future, if it seems beneficial to do so.</li> <li>▪ Jim Sickles, Student Development Representative, has been visiting all the vocational high schools to speak with faculty and to encourage them to inform their students of the Owens programs that are available.</li> <li>▪ Students have indicated they like “hands-on” learning. An Assistant Director of Career Services is going to be hired to help with internships and job placement.</li> </ul>
Faculty Report	<ul style="list-style-type: none"> <li>▪ Ralph Semrock reported that the advanced courses are going well, but his production drawing class is not. He started out with 10 students, but only 2-3 are attending.</li> <li>▪ Alan Bethea is teaching two Intro to CAD and one Parametric Modeling class this semester. All are going smoothly, although the Saturday class is a little slow. There is a lot of team-building going on. The CATIA and Advanced CATIA classes did not have enough students enroll to run this semester.</li> <li>▪ Roger Gross is teaching production drawing and commented that there is enough material in the book to offer two courses.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Two used engines were obtained from a junk yard – one will be used in Toledo and the other in Findlay. Alan Bethea is glad that the students now have something “hands on” and measureable to work with.</li> <li>▪ Alan Bethea will go to the different classes during this semester and encourage students to enroll in the CATIA and Advanced CATIA classes.</li> </ul>
Student Report	<ul style="list-style-type: none"> <li>▪ Student Isaac Hock really likes the program. He is looking to transfer out, probably to UT. Randy Wharton suggested he talk with someone at UT to find out which</li> </ul>	

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	<p>courses will transfer.</p>	
Outcomes Assessment Report	<ul style="list-style-type: none"> <li>▪ The College is implementing an accountability management system which is leased through TaskStream. Randy Wharton is currently working to get all the information into the system. The format is a little different, but the goals were met in each case.</li> <li>▪ The new system will tie the general education outcomes and ATMAE standards into the Department outcomes, which will help when it comes time for accreditation. Rubric forms will stay the same.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Randy Wharton will place the Outcomes Assessment Report on the Department website when it is complete. Members should review the report and get comments or changes to Randy.</li> </ul>
Outcomes Competency Validation	<ul style="list-style-type: none"> <li>▪ The committee also reviewed and approved the program competencies in conjunction with the outcomes assessment report.</li> </ul>	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>• Most of the courses in the CAD program are transferable. Courses that are in the transfer module will transfer anywhere in Ohio.</li> <li>• CAD 120 is an 8 week course that includes manual drafting that was developed for EET, SKT, and AIM students as part of the effort to consolidate and eliminate duplication. Each student would also take a subsequent course that relates to their prospective program.</li> <li>• An introduction to engineering technology course was discussed. A course of this type would be beneficial to beginning students in helping to decide their career path.</li> </ul>	<ul style="list-style-type: none"> <li>▪ The School of Technology is in the process of making sure that all programs meet certain course content for transferability.</li> <li>▪ CAD 120 will be offered Spring 2011 for EET, SKT and AIM students. Design Technology students will still take CAD 125.</li> <li>▪ Both Basic CATIA (CAD 280) and Advanced CATIA (CAD 281) are now on the course inventory and will be added as elective courses in the program curriculum. Basic will be offered in the fall and advanced in the spring.</li> <li>▪ CAD 280 will be added as a required course to the certificate. If no problems with this, then CAD 281 can be added in the future.</li> </ul>
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> <li>▪ Randy Wharton and Glenn Rettig are Interim Co-Deans until a new dean is found. The search committee is currently being formed and a new dean should be in place by next summer.</li> <li>▪ The license for AutoCAD 2011 cost \$30,000 for both campuses, but the problems with the other clones used in the past will be eliminated.</li> </ul>	<ul style="list-style-type: none"> <li>▪ The Toledo prototyper was upgraded. The parts are harder and more durable now. It is still ABS plastic, just a different composition.</li> <li>▪ AutoCAD 2011 student version software is now being used in the labs and is owned by the Department.</li> <li>▪ New projectors and screens were installed in the CAD labs.</li> </ul>
Accreditation Status	<ul style="list-style-type: none"> <li>▪ Nothing reported.</li> </ul>	
Other	<ul style="list-style-type: none"> <li>▪ Members were thanked for their time and commitment to the program.</li> <li>▪ The meeting adjourned at 9:10 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>