Owens Community College

CAD Technology Advisory Meeting
Date: February 23, 2011
Location: Honey Diner, Walbridge, Ohio
Industrial Attendees: Joe Brown, Brian Walker
Students: Micheal Ellis, Tyler Strow
Owens Attendees: Alan Bethea, Renay Scott, Ralph Semrock, Duane Shaffer, Randy Wharton

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	- Meeting was called to order by Randy Wharton at 7:45 a.m. and introductions were made. - Minutes were distributed and reviewed.	Minutes were approved by all present and will be placed on the department web site at: http://occeng.org
Enrollment and Retention Report	- Program enrollment on the Toledo Campus is 45 students, a decrease of 11 students when compared to last spring. - Findlay Campus program enrollment is 31 students, an increase of 14 students from last spring. - There are 6 students in the certificate on the Toledo Campus and 9 in the certificate on the Findlay Campus. - The overall Design Technology student enrollment is down 32% with a 38% decline in the number of credit hours being taken.	- The drop in the Mechanical enrollment is due to the program being discontinued and those students who were declaring the wrong major have now declared the correct one. - Randy Wharton reported that the feedback he is getting indicates that the Owens CAD program is the premier program in the State of Ohio.
Faculty Report	- Duane Shaffer who is teaching CAD 115, 125 and 230 on the Findlay Campus reported he is having trouble finding a textbook since the one he was using went out of publication. Retention-wise his classes are doing well this semester. He finds that the non-conventional students are the ones that are more likely to complete the class. - Ralph Semrock stated that all the CAD software is based on geometry – once you understand one, you can adapt fairly quickly to the others. He is teaching the CAD 275 capstone course which is his favorite course because the students discover what they can do and really excel. His Production Drawing class is doing much better this semester. - Alan Bethea reported he started the semester with 36 students in three classes and only one dropped out. He said the students are all progressing faster than he is used to, so he had to raise the bar.	Randy Wharton will talk with George Young from Prentice-Hall about a custom textbook for the CAD 230 Industrial CAD class.
Student Report	Student Tyler Strow commented that people want to come to Owens for the CAD program because they heard it is so great. The instructors have worked in industry so students can relate to them better. He hasn't been to UT, but has heard it isn't as good. Tyler is taking advantage of the career services the	Micheal Ellis felt that work flow videos of different software packages would be very helpful to students. It would give them an idea of what is out there.

	College is offering and believes them to be really helpful. It is giving him insight into what jobs are out there and what experience they are seeking. ▪ Micheal Ellis likes the hands-on experience at Owens. He went to UT and did not like it. He is very happy with Owens, the instructors and learning the software. Being shown how to measure and use the measuring tools was very helpful. Micheal liked the extra credit projects that allow students to learn something new.	
Outcomes Assessment Report	▪ Randy Wharton will be putting the new set of data for the year into the TaskStream system when the semester is over.	▪ 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.
Outcomes Competency Validation	▪ The committee reviewed and approved the program competencies in conjunction with the outcomes assessment report at a previous meeting.	
Program and Curriculum Enhancements	• CAD 280 and CAD 281 is now in the College catalog as an elective. Basic Catia is normally offered in the fall and the Advanced Catia in the spring. Alan Bethea is currently doing a hybrid course and working with both basic and advanced students in the same class this semester. • CAD 120 was developed for course consolidation for the School of Technology. The basics are taught in this 1.5 lecture, 1.5 lab course which are the same for Skilled Trades, Electronics, and Manufacturing students. Those students would follow CAD 120 with another course specific to their technology. John Zettler is teaching this course this spring in an 8-week format.	▪ The College has gone back to the regular version of AutoCAD. The full student version of the software was purchased at a reduced price and can be used for as long as it is needed. ▪ CAD 120 will be offered in the 16-week format on the Toledo Campus starting in the fall 2011. ▪ Joe Brown felt that Catia being added to the program was a real bonus for the students. ▪ Brian Walker encouraged the students to interact with prospective employers as much as possible as social skills are important. He suggested co-ops, touring, or site visits to different companies or having employers give presentations in class.
Equipment, Facilities, and Staffing	▪ A whiteboard drafting machine was moved into the 176 drafting lab. Ralph Semrock reported that it is very easy to use and very helpful. ▪ Ralph Semrock also reported that the new overhead projectors are the best!	▪ Randy Wharton will get price estimates for another whiteboard drafting machine to be used on the Findlay Campus to Renay Scott so she can include it in next year's budget. ▪ Randy Wharton will also look into the teaching software used to monitor student computers.
Accreditation Status	▪ Nothing reported.	
Other	▪ Members were thanked for their time and commitment to the program. ▪ The meeting adjourned at 9:15 a.m.	▪ Wes Linenkugel is Chairman; Eric Messer is Vice Chairman and Richard Barkhimer is Secretary.