Owens Community College

CAD Technology Advisory Meeting
Date: November 1, 2006
Location: Café Marie, Perrysburg, Ohio
Industrial Attendees: Richard Barkhimer, Joe Brown, Amy Keenan, Wes Linenkugel, Craig Winn
Students: Deanna Keller
Owens Attendees: Alan Bethea, Ralph Semrock, Randy Wharton; Advisor-Stan Paige

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	▪ Meeting was called to order by Chairman Wes Linenkugel at 7:45 AM and introductions were made. ▪ Minutes were distributed and reviewed. ▪ Rick Barkhimer brought up the fact that his employees are knowledgeable about the CAD software, but are unable to visualize the bigger picture. He feels more training is needed and suggested a one year certificate containing the necessary technical courses. ▪ Stan Paige informed the group that starting next fall universities will not be required to teach developmental courses. All developmental courses will be taught at the community college level.	▪ Minutes were approved by all present. ▪ It is impossible to graduate a worker that does all things in two years time. Visualization cannot be taught, so there is no real solution to the problem. ▪ Randy Wharton will investigate the possibility of offering a one-year certificate.
Enrollment and Retention Report	▪ Program enrollment on the Toledo Campus is 48 students, down three students when compared to last fall. ▪ Findlay Campus program enrollment is 11 students, also down three students when compared to last fall. ▪ Overall School of Technology enrollments increased one percent. ▪ Randy Wharton and Ralph Semrock are getting numerous calls from industry for students to do drawings. Hopefully, enrollment numbers will look better next year.	
Faculty Report	▪ Faculty present had nothing to report.	
Student Report	▪ Student Deanna Keller stated she likes a number of things about the program. She at first wondered why she needed a CNC class; but after taking it, found it to be very helpful.	
Outcomes Assessment Report	▪ Randy Wharton is in the process of completing the report for the period of January-December 2005.	▪ Summary report will be posted on the web by the end of November.
Outcomes Competency Validation	▪ Outcomes competencies are being modified in order to more accurately reflect the content of the program.	

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Program and Curriculum Enhancements	• Due to the rising cost of AutoCAD software licensing, it has been replaced by SolidWorks. SolidWorks is a fully parametric modeling program that will replace AutoCAD Inventor. It came with a free stripped down version of the DWG Editor. • Alan Bethea explained that students taking CAD 115 are purchasing an Intro to Solid Works book that includes a CD containing Solid Works and DWG editor. Students are saving money because it is also used for the CAD 210 course.	▪ Investigation is being given to upgrading the DWG Editor package to another free package called CADopia. ▪ A CAD Certificate has been developed consisting of Production Drawing, Intro to CAD, Parametric Modeling and the two Advanced CAD courses.
Equipment, Facilities, and Staffing	▪ A new prototyper was purchased this summer and is now functional. It is a 1200 SST machine that uses a 10x10x12 envelope to print the part. The older machine uses 8x8x10.	▪ Ways to get students involved with the design process using the prototyper is being investigated.
Accreditation Status	▪ Nothing to report.	
Other	▪ A CAD survey was sent out to 3,411 companies in the NW Ohio and SE Michigan area about three weeks ago to get an idea of what software is being used and what it is being used for. There have been over 100 completed responses received to-date. ▪ Brian Walker offered to host the next meeting at Green Bay Packaging in Fremont and give members a tour of the plant. ▪ The meeting adjourned at 9:10 a.m.	▪ Ralph Semrock will summarize the results and have them available at the spring meeting. ▪ Members present were favorable to meeting at Green Bay Packaging in Fremont in the spring. ▪ Wes Linenkugel is Chairman; Eric Messer is Vice Chairman.and Richard Barkhimer is Secretary.