

Owens Community College

CAD Technology Advisory Meeting

Date: October 20, 2009

Location: Owens Community College, Findlay Campus

Industrial Attendees: Lorrie Armstrong, Joe Brown, John Colley, Donnie Foltz, Wes Linenkugel, Patricia Torkelson

Students: Isaac Hock

Owens Attendees: Alan Bethea, Mark Durivage, Ralph Semrock, Randy Wharton; Advisor-Patrick Gill

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> ▪ Meeting was called to order by Chair Wes Linenkugel at 7:50 a.m. and introductions were made. ▪ Minutes were distributed and reviewed. 	<ul style="list-style-type: none"> ▪ Minutes were approved by all present and will be placed on the department web site at: http://occeng.org
Enrollment and Retention Report	<ul style="list-style-type: none"> ▪ Program enrollment on the Toledo Campus is 57 students, a decrease of 4 students when compared to last fall. ▪ Findlay Campus program enrollment is 27 students, up 2 students from last fall. ▪ There are 5 students in the certificate on the Toledo Campus and 2 in the certificate on the Findlay Campus. ▪ Overall enrollment for the Design Technologies Department is holding steady. 	<ul style="list-style-type: none"> ▪ The Mechanical program is being deactivated. Enrollment numbers being reported are not accurate due to students declaring the wrong major. Those students currently in the program will be sent letters regarding the deactivation that will include a list of courses and a schedule of when those courses will be offered so they may complete the program. ▪ The Surveying program is being discontinued as well. It was started by request of the Professional Land Surveyors Organization and had good enrollment when it started up.
Faculty Report	<ul style="list-style-type: none"> ▪ Ralph Semrock has invited the two new resident advisors to address his classes about the advising services they offer. Having these advisors dedicated strictly for the School of Technology will prevent students from taking the wrong classes and courses they don't need. ▪ Alan Bethea reported that his Intro to CAD class is the quietest class he has ever had, but their drawings show they are getting the concepts. He is also exposing the students to all the methods and means of SolidWorks. He is also teaching a basic and advanced Catia class. Alan wanted to introduce a few of the students to finite element analysis, but the computers could not handle this. 	
Student Report	<ul style="list-style-type: none"> ▪ Student Isaac Hock stated he enjoys the program and the feedback from his instructors. He is looking forward to what is coming up in some of the other programs. Isaac felt that EET 120 covered the same material as the production drawing class. 	<ul style="list-style-type: none"> ▪ The EET 120 class was changed to be offered in the first semester of the program along with production drawing, so students are taking both classes at the same time.
Outcomes Assessment Report	<ul style="list-style-type: none"> ▪ The Outcomes Assessment Report for 2008 was reviewed 	<ul style="list-style-type: none"> ▪ The 2009 report will be compiled and available at

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	<p>at the spring meeting. The outcomes did not identify any problems. Assessment rubrics for each course were included in the report.</p> <ul style="list-style-type: none"> ▪ Outcome assessment reports and rubrics are updated and on the department website so they are available to all instructors. 	the spring meeting.
Outcomes Competency Validation	<ul style="list-style-type: none"> ▪ The committee also reviewed and approved the program competencies in conjunction with the outcomes assessment report. 	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> • The first half of both the CAD 125 and EET 120 courses cover the same basic topics. Consideration is being given to offering a combined 8 week course to cover the basics and then split them out into their specialties for the second 8 weeks. • There was some discussion on whether a second option of CAD consisting of a higher level of math, Statics and Strengths and Finite Element Analysis was needed. 	<ul style="list-style-type: none"> ▪ A Catia license was purchased for the lab. ▪ The Basic Catia, Advanced Catia, and Advanced SolidWorks classes which were all run previously as special topic classes will now be offered as technical electives. ▪ Ralph Semrock and Alan Bethea both agreed that Finite Element Analysis was beyond the scope of a two-year college, so a second CAD option is not needed. ▪ CGSurvey8 is no longer being utilized. A CAD Academy package through Buckeye Educational Systems has been acquired. It's A+CAD is an AutoCAD clone that will give students the fundamentals they need. This package also comes with SolidWorks, an Architectural CAD and Civil CAD applications
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> ▪ Nothing to report. 	
Accreditation Status	<ul style="list-style-type: none"> ▪ Nothing reported. 	
Other	<ul style="list-style-type: none"> ▪ Advisory members reported that the market is tight right now. ▪ Work ethic is a real challenge in the workplace. Graduates seem to have a strong sense of entitlement. John Colley volunteered to come into the classroom and speak to the students. ▪ Members were thanked for their time and commitment to the program. ▪ The meeting adjourned at 9:20 a.m. 	<ul style="list-style-type: none"> ▪ Consideration is being given to making students pass courses with a C or better to move on to the next course. Discussions with faculty will be taking place in the near future on this topic. ▪ Holding an "Open House" for students and their parents was suggested. Students could take the Discover interest-based test while parents are given tours. People from industry could be invited to talk to attendees. ▪ Wes Linenkugel is Chairman; Eric Messer is Vice Chairman.and Richard Barkhimer is Secretary.