

# Owens Community College

## CAD Technology Advisory Meeting

Date: April 23, 2015

Location: Industrial & Engineering Technologies Building, Room 130

Industrial Attendees: Joe Brown, John Colley, Linda Gulvas, Wes Linenkugel, Patricia Torkelson

Students: Amanda Crover, Dan Robaszekiewicz, Ryan Turco

Owens Attendees: Alan Bethea, Terry Katschke, Tom Perin, Meghan Schmidbauer, Duane Shaffer

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> <li>▪ The meeting was called to order by Chairman Wes Linenkugel at 8:10 a.m. and introductions were made.</li> <li>▪ Tom Perin, Associate Vice President for Institutional Effectiveness, was in attendance representing President Bower and Vice President Steve Robinson.</li> <li>▪ Minutes were distributed and reviewed.</li> </ul>	<ul style="list-style-type: none"> <li>▪ President Bower is very committed to all the advisory committees. Members were thanked for their attendance and participation.</li> <li>▪ Minutes were approved and can be found on the Owens web site.</li> </ul>
Enrollment and Retention Report	<ul style="list-style-type: none"> <li>▪ There are currently 136 students enrolled in the 13 CAD sections running in Toledo and 14 students enrolled in the 2 CAD sections in Findlay this semester. Some of these students could be taking multiple classes and some are enrolled in other programs.</li> <li>▪ The enrollment report shows that 43 students have declared CAD as their major. This is down 4 students from last year or 8.5%.</li> <li>▪ Meghan Schmidbauer was in attendance to give an overview of what the College is doing to promote programs at the high schools. High school recruiting is not like it was in the past – time is limited due to snow days and testing days.</li> <li>▪ There are a number of reasons enrollment is down. The economy is better, so people are back to work. There are more competitors like out-of-state schools getting students on-line, the graduation rate is lower, etc.</li> </ul>	<ul style="list-style-type: none"> <li>▪ There are a number of recruiting events and activities that take place, such as registration rocks, open house, and preview days. Dual enrollment and articulation agreements are also enticing to high school graduates.</li> <li>▪ It was suggested to make it part of the dual enrollment agreement that the College and/or community partners can come into the classroom to talk to the students.</li> <li>▪ Alan Bethea is having student workers look up company addresses within Lucas and Hancock counties and their surrounding areas, as well as the high schools in those counties. The plan is to make personal contact with the CAD people and send them information on what Owens has to offer. Pat Torkelson volunteered to help gather needed information from these contacts.</li> </ul>
Faculty Report	<ul style="list-style-type: none"> <li>▪ Alan Bethea reported there is nothing out of the ordinary of significance right now. Still offering AutoCAD, Solid Works, NX, and Catia. While a grant was in the process to purchase Revit software, the software became available for free. Alan stated that Spaceclaim software is growing in the marketplace. It is a stand-alone CAD program that can create anything from scratch and interfaces with MasterCAM. It allows you to bring in a solid model and adapt it and model it on the fly. Alan does not know any other program that will do that.</li> <li>▪ Duane Shaffer reported that the enrollment numbers in</li> </ul>	<ul style="list-style-type: none"> <li>▪ Alan Bethea shared a 3 minute video clip on the Spaceclaim software that will be purchased with the available grant money.</li> <li>▪ Many of the STEM programs were taken out of the Findlay catalog and need to be put back in. Any help in getting more students in Findlay would be appreciated. Word of mouth advertising is the most powerful kind. A 60-second commercial cannot cover all of the programs, so we need to share the information with people.</li> <li>▪ Meghan Schmidbauer reported that the College has</li> </ul>

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	<p>Findlay are low. He is not sure how many CAD classes will run in the fall.</p>	<p>sponsored a number of football games where footballs or sports towels with Owens advertising were thrown out to the spectators at half-time.</p> <ul style="list-style-type: none"> <li>▪ The Toledo Lucas Country Library has also advertised certain days that a representative from Owens will be there to answer questions</li> <li>▪ Social media is another great way to reach people.</li> </ul>
Student Report	<ul style="list-style-type: none"> <li>▪ Student Amanda Crover said this term is going very well. She is feeling more comfortable with where she is going. She loves Catia and Solid Works.</li> <li>▪ Student Ryan Turco has loved every minutes of his first year here at Owens. Alan makes it fun. He was a little worried leaving his high school friends, but he now has a new family and friends. He tells everyone he knows to come to Owens.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Student Amanda Crover would like to find a way to help with the shift in thinking of what degrees are attainable for both men and women.</li> <li>▪ Student Dan Robaszkievicz would like to see more design assignments beyond the book tutorials.</li> <li>▪ Student Ryan Turco is a manager at McDonalds and feels there is an advertising opportunity for Owens with all the Penta students that come in every day. He also feels that he needs more of a challenge besides the tutorials.</li> </ul>
Outcomes Assessment Report	<ul style="list-style-type: none"> <li>▪ Two different curriculum maps were distributed to advisory members – an old one with 10 outcomes and a new one with 4 outcomes. Input submitted from advisory members from last fall’s advisory meeting was used to consolidate and generalize the outcomes into the four shown.</li> </ul>	<ul style="list-style-type: none"> <li>▪ John Colley commented that his experience with Owens graduates has been excellent. He thought it was great that one of the outcomes covers work ethic.</li> </ul>
Outcomes Competency Validation	<ul style="list-style-type: none"> <li>▪ Outcomes competency validation is continually reviewed for relevancy.</li> </ul>	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> <li>• A syllabus and rubrics for a new CAD 130 Spaceclaim course called 3D Modeling for Manufacturing was distributed. It has been submitted to the Curriculum Committee and will be on the fall schedule. It won’t get in the college catalog until 2016-17.</li> <li>• A syllabus and rubrics for CAD 286 Advanced NX was also distributed. It is hoped to be offered in spring 2016.</li> <li>• OBR currently wants credit hour requirements at 64 or below. It will only be a matter of time before they want it to be dropped to 60.</li> <li>• There is a new director of internships and co-ops in place that will help students in finding such positions. This does not take the place of a Career Services Department that ATMAE felt was important to have.</li> </ul>	<ul style="list-style-type: none"> <li>• A draft of all the proposed changes to the CAD curriculum were distributed and discussed. In order to put the two new classes in the curriculum, something either has to come out or be changed. Thoughts are being given to making a number of the 3 credit hour (2 lecture/3 lab) courses into 2 credit hour (1 lecture/3 lab) classes. Prerequisites would change on a number of courses as well.</li> <li>• Members felt having a field experience or co-op was important, but it may have to be offered as an elective in order to keep the required credit hours at 60.</li> <li>• Please get feedback on the draft curriculum to Terry Katschke. He will need to submit changes by October to get them in the 2016-17 catalog.</li> </ul>
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> <li>▪ Students felt there were lots of problems with the network drives. Duane Shaffer said to get around the network</li> </ul>	<ul style="list-style-type: none"> <li>▪ Tom Perin will send Duane Shaffer, Terry Katschke and Alan Bethea the link for the Owens file depot.</li> </ul>

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	<p>problems he thought the students could email their drawings to themselves, but the files are too large to email.</p>	<p>This would help faculty and staff with large emails, but not necessarily students. The IT Department should be notified of the network problems.</p>
Accreditation Status	<ul style="list-style-type: none"> <li>▪ Thanks to all who were involved with the ATMAE accreditation visit. The ATMAE Board meets in November to give the official approval.</li> <li>▪ ATMAE also wants better documented long and short term goals for each program.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Nine programs will be recommended for a six year re-accreditation with a written report due in two years in regards to better graduate and employer follow-up surveys. The two programs that are being discontinued will be recommended for a one year accreditation extension.</li> <li>▪ Advisory members were asked to jot down a few short term goals for the CAD program and how those goals might be accomplished and return them to Terry Katschke.</li> <li>▪ Joe Brown thought looking at more data may give them a better idea of what direction the program should be heading. Terry Katschke will provide more data.</li> </ul>
Other	<ul style="list-style-type: none"> <li>▪ Duane Shaffer asked if there was a way for instructors to withdraw students who show up for one or two classes and then are not seen again. These students just stop coming, do not drop and end up with an F that counts against the College.</li> <li>▪ Advisory members were thanked for their time and commitment to the program.</li> <li>▪ The meeting adjourned at 10:00 a.m.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Tom Perin said instructor withdrawals may be a possibility, but would have to be handled properly. This subject will be discussed with the appropriate committee.</li> <li>▪ Wes Linenkugel is Chairman; Eric Messer is Vice Chairman and Richard Barkhimer is Secretary.</li> </ul>