Owens Community College

Applied Engineering Technology (AET) Advisory Committee Meeting
Date: November 4, 2016
Location: Industrial and Engineering Technologies Building, Room 130
Industrial Attendees: Craig Brossia, Scott Harding, Dan Hummel, Roger Thomas
Student Attendees: None
Owens Attendees: Terry Katschke, Peter Johns, Jacey Parks, Duane Shaffer

Topic	Discussion/Rationale	Recommendation/Decision/Action
Welcome and Introductions	• The meeting was called to order at 8:45 a.m. • The College acknowledges that advisory meetings are very important and appreciates advisory member time and input.	• Introductions were made. • Chairman Terry Katschke is still trying to get more people from the electrical side of applied engineering to serve on the committee. Members present were all from the machining side of the program.
Enrollment and Retention	• There are 9 CAM sections running in Toledo this semester with 83 students enrolled. There are 3 CAM sections running in Findlay this semester with 22 students enrolled. • There are 6 AIM sections running in Toledo with 64 students enrolled. Findlay has one AIM section (Fluid Power) running with 8 students enrolled. • There are 70 students that have declared Applied Engineering Technology (AET) as their major. This number is up from 58 students last year which is a 20.7% increase. Toledo has 49 students, up from 39 last year (25.6% increase). Findlay has 21 students, up from 19 last year (10.5% increase).	• Enrollment is up on both campuses right now. Terry Katschke would like to think that the changes made to the curriculum last fall helped with this. Advisors helping students get into the right classes is also helping. It is hoped the upward trend continues. • There is a definite need for Applied Engineering students in the workforce. At this time, there are more people retiring than there are qualified people to replace them.
Faculty Report	• Pete Johns reported that students seem to like having the simulators. They are using them almost every day. The down side is that more are needed as students are standing in line to get on them and that is in addition to using one of the machines. In regards to the "Immerse2Learn", Pete has heard a number of students say their company won't pay for it and they can't afford to pay for it themselves. A number of students have told Pete Johns that the class they are currently attending will not be offered the next semester. • Duane Shaffer, Findlay full-time faculty member, reported that things are going well in Findlay. He is not teaching any of the Applied Engineering classes this semester. Midway Products has an apprenticeship program and is leasing a lab at the Findlay Campus. They have updated the lab to do their training, allowing access to additional	• Terry Katschke reported that all four classes (Mill, Lathe, MasterCAM and Control) are offered every semester. There are no plans at this time to do otherwise. He is always looking for ideas, thoughts, and suggestions; so if anyone knows of a better way to do things, let him know. Classes are currently offered to align with the catalog. • Findlay Instructor Duane Shaffer believes there is a need to aggressively reach out to Findlay area companies as they may be receptive to the classes we offer. With Workforce & Community Services being cut to one person in Findlay, they are not able to reach out like they did before. • College Credit Plus allows students in high school to take college classes and get credit for them. More high schools are offering the technical classes than previously.

	equipment for our classes. Raise the Bar, an initiative to raise interest in manufacturing in schools, is also using the Findlay Campus facility.	
Student Report	• No students were present to report.	
Outcomes Assessment	▪ The current program outcomes were shared with the committee. • Advisory members were given a survey form to complete that will help with the next accreditation visit.	• Advisory members were asked to review the outcomes and let Terry Katschke know if anything needs to be changed or added. • Advisory members were also asked to complete the survey form and put their thoughts on what they think should be added to the program on the back.
Program and Curriculum Enhancements	• Advisory members were given the curriculum sheet listing course requirements for the Applied Engineering Technology program. • Students were surveyed regarding the CAM 126 Controls class. This class that once was a basic class got changed somewhere along the line and is currently set up as an advanced class.	• Advisors are hearing good feedback from students on the new curriculum. • After much discussion, it was decided to leave the CAM 126 Controls class as an elective later in the program. CAM 161 Machining II will be made a prerequisite and CAM 122 (Mill) and CAM 124 (Lathe) will be made corequisites.
Equipment, Facilities, and Staffing	• The partnership with Haas provided the lab with additional and updated machines. • Six new simulators worth $1,500-$2,000 each were also donated by Haas. A couple of the old simulators are still functional and can be brought up-to-date. These simulators save wear and tear on the machines. • Immerse2Learn has been activated and is in the Bookstore for students to purchase. It can be run in the classroom and tied into the simulators and Haas controls on the machines. • Space restrictions only allow for one section of each class to be run at night. Terry Katschke would like to run more and is trying to figure out a way to do that. Seems like everyone wants night classes.	• Funding from the Ohio Tech Net Grant allowed the purchase of a new CNC lathe for the Toledo lab that will be delivered soon. There is nothing wrong with the existing lathe, so it will be moved to the Findlay Campus to help build the program there. • Adjunct faculty need to be trained on the Immers2Learn, so they can teach the students. Once everyone is on the same page, it will be a good thing. • Anyone wanting to see the lab after the meeting is welcome to take a look.
Accreditation Status	• Once again, advisory members were asked to complete the Advisory Committee Approval of Program survey and return it to Terry Katshcke. If you think what we have talked about is great, please say so.	• Advisory members were also asked to let Terry Katschke know what short term program goals they think should be obtained and how to achieve them.
Open Discussion	• EdgeFactor is a program that contains videos on different STEM careers. A webinar on how this program works is being offered in the near future. Information on the webinar was sent to College personnel, including	• Once Marketing understands what EdgeFactor is and how it works, it may be easier to get the videos put on the TV monitors in key buildings and on the website. • The Career Coach on the Owens website brings up all

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	Marketing. • Roger Thomas from T & S Tool sends out a monthly newsletter to companies. He will include a statement for anyone looking for employees to contact Terry Katschke at Owens along with Terry's email address. • The meeting adjourned at 10:00 a.m.	kinds of information for students, i.e., job outlook and positions within a 50 mile radius. • Degree Works is another program the College is implementing that will help students plan out their path to complete their program.