

Owens Community College

Applied Engineering Technology (AET) Advisory Committee Meeting

Date: November 6, 2015

Location: Industrial and Engineering Technologies Building, Room 130

Industrial Attendees: Craig Brossia, Dan Hummel, Kevin Richardson, Scott Sulewski, Roger Thomas

Student Attendees:

Owens Attendees: Terry Katschke, Scott Killy, Peter Johns, Jacey Parks, Glenn Rettig

Topic	Discussion/Rationale	Recommendation/Decision/Action
Welcome and Introductions	<ul style="list-style-type: none"> • The meeting was called to order at 8:40 a.m. by Chairman Terry Katschke. Terry has been the Chair of the Applied Engineering Department for one year. • The College acknowledges that advisory meetings are very important and appreciates advisory member time and input. 	<ul style="list-style-type: none"> • Introductions were made. • This committee has not met for two years, so no minutes were presented for approval. • Members were thanked for their input and participation.
Enrollment and Retention	<ul style="list-style-type: none"> • 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 31 students enrolled. Some of these students could be taking multiple classes, and some are enrolled from other programs. • There are 11 AIM sections running in Toledo with 89 students enrolled. Findlay has 5 AIM sections running with 39 students enrolled. • There are 58 students that have declared Applied Engineering Technology (AET) as their major. This number is down from 63 students last year which is a 7.9% decrease. 	<ul style="list-style-type: none"> • There is a definite need for these students in the work force. At this time, there are more people retiring than there are qualified people to replace them.
Faculty Report	<ul style="list-style-type: none"> • Peter Johns reported that there are more classes running this semester. Denny Hahn who is an adjunct, could not come the meeting this morning due to medical reasons. • Dan Hummel, adjunct, also teaches at UT. The course content has changed considerably from the time he taught here previously. • Scott Sulewski, adjunct, reported that the manual steps of machining have to be taught before students move on to CNC. 	<ul style="list-style-type: none"> • Dan Hummel felt there is content in the advanced class that needs put back into the basic class. He also felt the classes should be taught generically for all machines as many companies do not have Haas machines. A Haas control class possibly could be taught separately.
Student Report	<ul style="list-style-type: none"> • No students were present to report. 	
Outcomes Assessment	<ul style="list-style-type: none"> • Terry Katschke explained that the Student Learning Assessment Committee (SLAC) oversees all the programs at Owens. They make sure that all the goals and outcomes of each program are being met and students are accomplishing them. The committee has acknowledged 	<ul style="list-style-type: none"> • Terry Katschke asked advisory committee members to write down five skills they believe to be important for students to be proficient in by the time they complete the program and return them to him. He asked for updated contact information as well.

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	<p>that the outcomes and assessment process for the Applied Engineering Technology (AET) are in the process of being determined.</p>	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> • Scott Killy explained that there are a number of AIM and SKT courses as well as CAM courses involved in the Applied Engineering degree. In an effort to eliminate duplication, some courses were changed to 1 lec and 3 lab. • Machining I and II was AIM 160 and 161 has been changed to CAM 160/161. • The program currently has 9 different tracks. It has been streamlined and includes six electives. Students seem to want evening sections. Determining how to run more sections simultaneously, will help the program grow. • An internship or apprenticeship program for this program was discussed. • Advisory members were asked if third party certification, such as NIMS, was something that would enhance the program. 	<ul style="list-style-type: none"> • Terry Katschke and Glenn Rettig sat down with representatives from Workforce and Community Services to determine which direction to take the Applied Engineering Technology (AET) program. The revised curriculum was recently approved by the Owens Curriculum Committee and is now waiting for Ohio Board of Regents (OBOR) approval. Once it is approved by OBOR, the course content and sequence can be adjusted. • A subcommittee to review the curriculum content will be formed. Advisory members interested in participating, or know of someone that would be interested in participating, in this subcommittee should let Terry Katschke know. • Kevin Richardson will get Terry Katschke a list of companies to survey to determine if shop owners look for third party certifications when hiring employees.
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> • The College is in discussions with Haas to re-establish the Haas Technical Center. This will bring more machines and hopefully, new simulators. • As this program grows, more adjunct instructors will be needed. • There are now four full-time advisors residing in the building and Jacey Parks is the Lead Advisor. 	<ul style="list-style-type: none"> • It is hoped the Haas Technical Center will be up and running by January. • Getting a millturn machine in the lab was highly suggested. It is possible Doosan would donate one. • Jacey Parks thinks the new curriculum will be a really nice change and will be more promising for the students. • Craig Brossia offered to give tours of Jerl Machine to interested advisors and/or students.
Accreditation Status	<ul style="list-style-type: none"> • Most of the STEM programs are accredited by ATMAE. The AET program was not reviewed at the last visit due to the changes that needed to be made. Once the program is established, accreditation will be sought. 	<ul style="list-style-type: none"> • Advisory members were asked to think about whether NIMS certification, ATMAE, or some other accrediting agency would be better for this program.
Open Discussion	<ul style="list-style-type: none"> • The Career Central jobs system is being revamped to make it easier for both students and companies and will be reinstated. • The meeting adjourned at 10:15 a.m. 	