Owens Community College

Architectural Engineering Technology Advisory Meeting
Date: October 28, 2014
Location: Industrial and Engineering Technologies Building, Room 130
Industrial Attendees: Richard Hoppenjans, Ray Huber, Tim Schumm, Gary Tipping
Students: Oscar Garcia, Ethan Seckinger
Owens Attendees: Denise Brehmer, Terry Katschke, Reed Knowles, Leonard Michaels, Jacey Parks, Tom Perin, Glenn Rettig

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	▪ The meeting was called to order by Committee Chairman Ray Huber at 8:37 a.m. ▪ Terry Katschke is the new Chair of Applied Engineering and Industrial Technologies witch includes Architectural Engineering Technology. ▪ Tom Perin, Associate Vice President for Institutional Effectiveness, announced that President Bower is very invested in the Architectural program and wants to know if there is anything that can be done to improve the program. Our mission is to make students successful. ▪ Minutes were reviewed and approved by all present.	▪ Meeting minutes can be found on the Owens website under Academics, School of STEM, Advisory Committees, Architectural Engineering Technology
Enrollment and Retention Report	▪ There are 11 sections running in the Architectural major with 50 students enrolled. ▪ Of the 50 students taking these classes, only 25 are actual unduplicated Architectural students. This is a drop of 22 students or 41.9% from the number of students in the major last year. ▪ Clay High School has agreed to allow the faculty to come into their classrooms. Most high schools now have a limit on the number of times Colleges can visit.	▪ Talks are still on-going with UT and BGSU regarding articulation agreements. ▪ Other avenues are also being pursued in an effort to build enrollments back up again. The College is implementing a new marketing plan using the old "Your Success Starts Here" slogan. ▪ Reed Kowles and Leonard Michaels will be conducting more high school visits to promote the program. ▪ A select number of students who have expressed an interest in architectural and/or civil engineering, along with their parents, will be invited to Owens for a visit. They will tour the different departments and be shown what is done in each department.
Faculty Report	▪ Reed Knowles reported that he is teaching only one Architectural course along with three CAD courses this semester. It is not economically feasible to run courses with fewer than six students. Having so few actual students in the major makes it difficult for them to get the classes they need to graduate.	▪ The new state funding formula makes retention and completion very important, so everyone is doing what they can to keep Architectural majors moving through the program.

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Student Report	▪ Student Ethan Seckinger thanked Leonard Michaels for helping him get an internship with the City of Defiance. All his instructors have always been willing to help. He said his advisor, Brad Meyer, worked hard to help him find alternatives when the classes he needed were cancelled. Ethan thanked Terry Katschke for setting up the three independent deliveries he needed. He believes that GIS needs to be included in the curriculum. ▪ Student Oscar Garcia was in the same situation as Ethan and would have had to wait a whole year to take a required course, but his advisor found an alternative for him as well. Reed Knowles and Leonard Michaels go out of their way to help and encourage them and help them find jobs. They went on field trips to University of Michigan and also to see the architecture of different buildings. Oscar would not have made it through without Reed's and Leonard's help. The tutoring he received was phenomenal.	▪ A big "Thank You" to all the instructors who conduct the one-on-one independent studies and get paid very little to do it. ▪ GIS is a course in the catalog, but it is not currently a requirement for the Architectural major. OBR is requesting that all majors drop to 60-63 credit hours. The Architectural program is at 63 right now. It would be difficult to add another required course.
Outcomes Assessment Report	▪ The Advisory Committee is the driving force for the Architectural Engineering Technology major. Terry Katschke ran the outcomes assessment report from last year and reviewed it with advisory members. There are 10 outcomes that are mostly geared toward classes. These need to be shortened to five and should be program outcomes. ▪ Tom Perin explained that we need to be able to demonstrate that our graduates can do what we say they can do. ▪ Course evaluations are now on-line. Many students don't bother to do them. Consideration is being given to returning evaluations to paper and pencil. Jacey Parks thought that the on-line evaluations were being made available too soon and removed prematurely.	▪ Advisory members were asked to give Terry Katschke any ideas or suggestions regarding the outcome assessment report. ▪ According to the outcomes report, eight of the ten standards were met or exceeded. Two fell a little short. It is hard to reach 75% when there are only six students in the class. ▪ Advisory members were asked to come up with five things they believe is important for a graduate to be able to do when they graduate from this program. These should be included on one of the two forms that were distributed at the meeting. Member's updated contact information should be included on the other and both should be returned to Terry Katschke in the postage paid envelope provided. ▪ Outcome results will continue to be shared at advisory meetings.
Outcomes Competency Validation	▪ Outcomes competency validation is continually reviewed for relevancy.	
Program and Curriculum Enhancements	▪ As a response to last spring's meeting minutes, the AutoDesk package that includes Revit has been purchased. There are 17 individuals that have indicated	• Inclusion of a Revit class on the schedule has to be approved by the Curriculum Committee. It may be next summer or fall before it can be offered.

	they want to take the course. • As mentioned under the Student Report section, GIS needs to be included in the curriculum.	• Ray Huber suggested offering Civil3D as it is very hard to find people that know it.
Equipment, Facilities, and Staffing	• A number of Skilled Trades labs were moved into the Industrial and Engineering Technologies building over the summer. A number of classes/rooms had to be reorganized to accommodate them. They will be moving out in another year or so, then things will get better.	• Program equipment is sufficient at this time. • Adjunct faculty help the program tremendously by bringing their professional practices into the classroom.
Accreditation Status	• The Architectural program is accredited by the Association of Technology, Management and Applied Engineering (ATMAE) through 2015.	• Student collections are currently underway for the spring 2015 ATMAE site visit. • Updated resumes for all instructors are also being collected for the accreditation visit. • It is hopeful that another six year accreditation will be awarded. Accreditation visit reports are reviewed each year at the ATMAE Conference held in November.
Other	• Ray Huber asked if the articulation agreement with BGSU was for architectural, civil, or construction. • Students need to be told they will be technicians, not architects or engineers when they graduate from the program. • Advisory members were thanked for their time and commitment to the program. • The meeting adjourned at 9:50 a.m.	• The articulation agreement with BGSU will be for architectural, but if they agree, other tracts can be added for civil and construction. • Ed Glowacki was elected as Vice-Chairman of this committee. Reed Knowles will contact Ed to make sure he is okay with this. • Ray Huber is Chairman.