Owens Community College

Architectural Engineering Technology Advisory Meeting
Date: March 8, 2007
Location: Owens Community College, Industrial & Engineering Technologies Building, Room 130
Industrial Attendees: Mike Duket, Maureen Fagans, Randy Germann, Richard Hoppenjans, Ray Huber, Richard Hoppenjans, Mel Mull, Gary Tipping
Students: Ashley Buchhop
Owens Attendees: Mark Durivage, Reed Knowles, Leonard Michaels, Randy Wharton, Cheryl Garlow-Advisor

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	- Meeting was called to order by Chair Ray Huber at 7:45 a.m. - Meeting minutes can be found on the Owens website, under Academics, School of Technology, Programs, Architectural Engineering Technology, Advisory Committee, Minutes.	Minutes were reviewed and approved by all present.
Enrollment and Retention Report	- School of Technology enrollments have grown 11.9% over the last year. - Architectural program enrollment is down 3.1% and Findlay Campus is up two students. Construction Drafting I and II are the only two courses taught in Findlay.	
Faculty Report	- Leonard Michaels has taken Bill Mason position and started full-time in January. He has extensive background in civil and surveying. - Dr. Unger has assigned Reed Knowles to the OBR's TAG Committee for Civil/Construction. TAG committee members are currently reviewing syllabi for two-year institutions state-wide in an effort to make it easier for students to make lateral transfers to other institutions.	- As a result of the OBR TAGs, Reed is mapping out the program and looking at how it all flows. - Maureen Fagans suggested including the path to a Bachelor's degree. - Reed Knowles stated he would like to see students introduced to solving engineering problems with MS Excel in the EET 130 Computer Diagnosis course.
Student Report	Ashley Buchhop, first semester student, lives in Monclova and is attending full-time. She is planning to continue her education past the Associate degree.	
Outcomes Assessment Report	The report format is compatible for ABET, NAIT and the Higher Learning Commission. Rubrics are not based on grades. Instructors are asked to decide how the student is doing with a numerical score. If the student was able to take a certification exam at the end of the course, that would be a good assessment of their competency in achieving the outcomes.	The annual outcomes assessment report for the 2005 calendar year was distributed to all members and reviewed. Members should refer all questions and suggestions to Randy Wharton or Reed Knowles.
Outcomes Competency Validation	Outcomes Competencies were modified in order to more accurately reflect the content of the program.	

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Program and Curriculum Enhancements	• Tech Math I and II are being discontinued because they do not meet the minimum competency standards the State wants. Neither one is transferable. They will be replaced with MTH 128 College Algebra and a trigonometry course. Both of these courses together will meet ABET standards for Math, but the trigonometry class has not been implemented yet. Both new courses will be 3 credit hours, bringing the total credit hours for the program down to 71. • Ray Huber expressed concern that students coming out of high school appear to be totally unprepared to enter the classroom now, what will happen if they are expected to take algebra and trig? Leonard Michaels is developing a one credit hour (8 week) math-based course to give students a survey of the fundamental math skills they will need in Engineering Technology. This course will also determine where beginning students stand in math. This course could be used for other technology programs as well so the title would have to be generic, i.e., Engineering Problem Solving.	▪ The Surveying program is utilizing CG Survey 8 software that runs off AutoCAD. Students now have Microstation and AutoCAD. ▪ The possibility of including the one credit hour Technology and Society course and a one credit hour intensive math course (to be developed) in the program to bring the total credit hours back up to 73 is being investigated. ▪ Ray Huber asked that the difference between square foot and cubic foot (volume) be covered in the proposed math class. He also wants the SOT to be involved when the Math Department assigns the new courses to replace Tech Math I and II.
Equipment, Facilities, and Staffing	▪ The Industrial and Engineering Technology building received new carpeting and tile was placed in the back hallway of the lab wing.	▪ A large format scanner, planner, plotter that will print up to 42" was acquired for the lab. ▪ ODOT was thanked for the total station they donated.
Accreditation Status	▪ The School of Technology received re-accreditation for three more years for all programs evaluated.	▪ Student work will need to be collected this fall and next spring for the site visit in 2009.
Other	▪ The problem the student had in completing his project for MET 135 that was discussed at the last meeting was resolved. Students can now get free versions of AutoCAD for 180 days ▪ Ray Huber has heard some rumblings that there are problems with Microstation. ▪ Getting a full-time advisor for the School of Technology is not going to happen. ▪ Meeting adjourned at 9:00 a.m. to the rear hallway where Reed Knowles explained his process of mapping the program.	▪ Ray Huber is Chairman, Maureen Fagans is Vice Chairman, and Mel Mull is Secretary.