

Owens Community College

Architectural Engineering Technology Advisory Meeting

Date: November 8, 2007

Location: Café Marie, Perrysburg, Ohio

Industrial Attendees: Maureen Fagans, Richard Hoppenjans, Ray Huber, Mel Mull, Gary Tipping

Students: Ashley Buchhop

Owens Attendees: Bruce Busby, Reed Knowles, Leonard Michaels, Randy Wharton

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> ▪ 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. ▪ Dr. Busby told the committee that he is very proud of Reed Knowles for the work he has done in mapping out the Architectural curriculum. It is a model, not just for Owens, but the nation. If everyone in the institution could do what Reed is doing, it would push the College to a new level. Social responsibility and critical thinking are two core learning expectations in the curriculum. 	<ul style="list-style-type: none"> ▪ Minutes were reviewed and approved by all present. ▪ Randy Wharton mentioned that Reed Knowles was awarded the Owens “Apple of the Month” citation for March 2007.
Enrollment and Retention Report	<ul style="list-style-type: none"> ▪ Toledo Campus Architectural program enrollment is down 10 students to 86. Findlay Campus is up 6 students. ▪ The Architectural Construction Major is inactive and those students have been switched over to Architectural Engineering Technology. ▪ The male/female ratio in AET classes seems to be around 20-25%. 	<ul style="list-style-type: none"> ▪ Reed is investigating a 2 + 2 + 3 partnership with the Architectural program at BGSU. In the near future, students may have the option of starting their third year at BG. At the end of 6 years, students could walk away with a Master of Architecture degree.
Faculty Report	<ul style="list-style-type: none"> ▪ Reed Knowles stated that having Leonard Michaels as a full-time faculty member is working out great. ▪ Reed mentioned he is teaching a Sunday afternoon (1-8 p.m.) class on the Findlay Campus to cover a situation concerning adjunct faculty availability. ▪ Reed reported that the TAG committee has approved all the Architectural courses that this advisory committee has reviewed. 	<ul style="list-style-type: none"> ▪ Reed Knowles and Paul Svatik (EET faculty member, have been discussing the possibility of meeting with students at the beginning of each semester to discuss items that effect the program. What procedures to follow to drop classes would be one of the topics covered. ▪ 3D visualization has been added to a number of Architectural courses.
Student Report	<ul style="list-style-type: none"> ▪ Student Cory Hutchinson said he had nothing bad to say about the program itself. He has had some concerns with instructors of courses outside of the Architectural program. Cory is impressed with the Architectural instructors who are helping him get over his bad habits. He is not currently working because he is a guardsman. 	<ul style="list-style-type: none"> ▪ Student Cory Hutchinson said his concerns were being addressed by College staff in a positive direction.

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Outcomes Assessment Report	<ul style="list-style-type: none"> ▪ Randy Wharton distributed the Architectural Engineering Technology Outcomes Assessment Report for the calendar year of 2006 to all members present. ▪ Competencies are measured by rubrics. Each instructor subjectively completes a form on the students' performance after the measurement is graded. These are evaluated after grading. It satisfies ABET, NAIT, and College requirements. ▪ These rubrics are incorporated into the employer surveys. 	<ul style="list-style-type: none"> ▪ Randy Wharton will work on data for documenting activities for the next report. ▪ The 2006 report can be found on the Design Department web site at: http://occeng.org ▪ Advisory members felt it best to give people the option of either paper or on-line when filling out surveys.
Outcomes Competency Validation	<ul style="list-style-type: none"> ▪ Outcomes Competencies continue to be modified when needed to more accurately reflect the content of the program. 	<ul style="list-style-type: none"> ▪ This is part of our ABET QIP (quality improvement plan).
Program and Curriculum Enhancements	<ul style="list-style-type: none"> • Changes have been made to all School of Technology programs to allow synergy across all disciplines. This will eliminate course duplications and help insure that courses will run. • The School of Technology is also reducing the number of credits required for graduation in its programs in an effort to make them more marketable and affordable. 	<ul style="list-style-type: none"> • The graduation credit requirement for the Architectural Engineering Technology program has been reduced to 67 from 73. ▪ MTH 110 Intro to College Algebra/Trig was replaced with MTH 128 College Algebra. ▪ The SOT staff is working with the Math Department in developing a second math course (MTH 228) that covers the needed geometry and trigonometry for engineering students. This course will not be available until Spring 2009.
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> • The Design Department received capital funding for an additional total station, four tapes and batteries. • The total station donated by ODOT through Steve Hoffman will be used for display and demonstration purposes. • There is enough full and part-time faculty to keep the program active. 	
Accreditation Status	<ul style="list-style-type: none"> ▪ Reed Knowles' is striving to achieve NGR status (Next General Review) from the next ABET evaluation -- that means no weaknesses. ▪ It will be imperative for the accreditation of this program for advisory members to attend a luncheon/meeting with the evaluators to answer whatever questions they may have. 	<ul style="list-style-type: none"> ▪ The School of Technology will start collecting student material next fall for the ABET visit scheduled for the fall of 2009.
Other	<ul style="list-style-type: none"> ▪ Ray Huber mentioned he is still interested in talking to individuals who are skilled in AutoCAD Civil 3D or something equivalent. ▪ It was discussed that if any member misses three or more consecutive meetings, a letter thanking them for their service will be sent and a new member solicited. ▪ The meeting adjourned at 9:00 a.m. 	<ul style="list-style-type: none"> ▪ Suggestion was made to notify members by email regarding meetings and minutes. ▪ Ray Huber is Chairman, Maureen Fagans is Vice Chairman, and Mel Mull is Secretary.

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