Owens Community College

Computer Science Major Advisory Meeting
Date: March 24, 2010
Location: Honey Diner, Walbridge, Ohio
Industrial Attendees: Drew Baden, Tim Brand, Ted Fisher, Tom Gray, Craig LaHote, Sean Nestor, David Schuck, Barb Vidra, Matt Zuccarell
Student Attendees: Matt Martin
Owens Attendees: Lynn Kendall, Tom Mahas, Nerur Satish, Dan Wedding ; Success Mentor—Janice Skaggs

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	• The meeting was called to order at 6:15 p.m. by Chair Barb Vidra. • All minutes are posted to the School of Technology website under the appropriate program.	• Minutes of the spring 2009 meeting were reviewed and approved.
Enrollment and Retention Report	• The overall Spring 2010 EET Department enrollments have increased 11.8% compared to Spring 2009. (Spring 2009 = 391; Spring 2010 = 437) • The Computer Science program enrollment is up 21.5% (from 149 to 181 students). • Tech Prep day visits were done for several area schools on February 18 and 19, 2010. Penta Career Center, Toledo Technology Academy, and Clay High School were schools that participated. • The EET Department participated in the "We are IT" event targeted for attracting Women into Engineering/IT field. Several hands-on projects were presented. • The EET Department also participated in the Monroe High School career day event in December.	• Renaming the program from Computer Electronics to Computer Science seems to have helped with enrollments. • Patrick Gill and Janice Skaggs are resident success mentors/advisors in the School of Technology. They are working closely with the Chairs to learn the programs. They are visiting classrooms and talking to students. They are available throughout the semester to be a support system for the students with financial aid, tutoring, etc.– not just advising. • Students are now being assigned an advisor as they enter into the College.
Faculty Report	• Tom Mahas reported that everything in the program is looking good. He thanked all the advisory members that helped with putting the EET 130, 131 and 175 courses together and with moving topics around. • Dan Wedding reported that things are going well with visual basic and java. Dan's sister, Vickie, is teaching the java courses. Dan is teaching the EET 100 and basic electronic courses. Dan has a dream of doing visual basic II or bringing in another programming course and offering it as a tech elective, but there is no room in the curriculum right now.	• EET 130 is a common course taken by all School of Technology (SOT) students. Skilled Trades students will also be taking this course. • Other classes in the SOT are also being reviewed for duplication and consolidation in an effort to serve more students.
Student Report	• Student Matt Martin is finishing up his second semester and is two years from graduating. He stated that when he left EET 100 he had no idea what was going on, but he realizes that he would have been totally lost in EET 101 if he hadn't taken it first. Matt is currently working for a data recovery company.	• Student Matt Martin felt there should be more emphasis in the program on backing up data and what mechanisms are available. More on this topic is being included in EET 130 and 131. • Janice Skaggs will get more information on the

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	• Matt also inquired if there was tutoring available for students that are struggling. There is a Supplemental Instruction program where "A" students will sit in the classroom and then will meet elsewhere with the students having difficulty to help them. The SI students get paid to do this.	Supplemental Instruction (SI) program and get it to Nerur Satish.
Outcomes Assessment Status Report	• Outcomes have been reviewed and most areas met or exceeded expectations. • Areas not meeting expectations were not due to program instruction. • The SLAC (Student Learning and Assessment) Committee was broadened to include representation from a wider cross-section of administrators and faculty members.	• The College is evaluating and working towards adopting the TaskStream system. TaskStream is more than an e-portfolio, it is also an assessment and project management system.
Outcomes Competency Validation	• There is good benchmarking with competencies in the Computer Science field as students learn the hardware, software, and networking skills for the current marketplace.	• Industry practices are brought into EET courses by the various adjuncts who are working in the field.
Professional Development, Partnerships and Articulation	• Copies of the program spotlight on the Biomedical program that was published in the Owens Career Focus Winter 2010 volume was distributed to advisory members present.	
Program and Curriculum Enhancements	• Tom Mahas is considering adding an SQL server-based class to the curriculum. • Virtualization is covered in EET 131. • There are eight different programming languages in the Computer Science program. Are they being offered in the right sequence?	• Advisory members did not see a down-side to adding the SQL server-based class to the curriculum. Nerur Satish will initiate the paperwork to potentially offer the course in spring 2011. • Tom Mahas and Dan Wedding will meet with adjunct faculty again in the fall to discuss curriculum issues.
Equipment, Facilities, and Staffing	• Computers and hardware in various rooms have been upgraded. • A Fanuc robot with vision system (LR Automatie 200iC with Vision Option) has been acquired. • Two EET rooms (ET 171 and ET 154) have been upgraded with overhead AV systems.	• Linda Deutsch was hired to replace Paul Svatik who retired. Linda is interested in teaching computer diagnosis and is developing a photovoltaic course for the proposed alternative energy program. • An upgraded NI (National Instruments) MultiSim license for use in the curriculum's virtual workbench was purchased.
Accreditation Status	• Successfully completed the ATMAE (formerly NAIT) accreditation visit during Spring 2009. Accreditation was awarded to 20 School of Technology programs. Accredited programs in the EET area are: Electrical/Electronics Technology, Biomedical Electronics, Computer Science, Automation Electronics, and Wide Area Networking.	• One faculty member from each of the SOT departments is attending the regular SOT Chair meetings. Don Szymanksi is the EET representative. • Thanks was given to advisory members that helped with the accreditation visit.

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| Other | Technology to consider for future topics include IP phones, VMware and cloud computing. Advisory members were thanked for their commitment and service. The meeting adjourned at 7:30 p.m. | Chair-Barb Vidra, Vice Chair-Tom Gray, Secretary-Tom McLeary |