

# Owens Community College

Electrical / Mechanical Advisory Meeting

Date: October 30, 2009

Location: Owens Community College, Industrial & Engineering Technologies, Charlie's Restaurant

Industrial Attendees: John Calgie, Matthew French, John Jack, Marilyn Jacobs, Paul Kortier, William Rawski, Michael Welty

Student Attendees: Joel Frenier

Owens Attendees: Maurice Davis, Daniel Francoeur, James Huff, Scott Killy, Herman Kurrelmeier

| Topic  | Discussion/Rationale   | Recommendation/Decision/Action   |
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| Call to Order and Review of Previous Minutes | <ul style="list-style-type: none"><li>▪ The meeting was called to order at 9:05 a.m. by Scott Killy.</li><li>▪ Introductions were made.</li></ul>  | <ul style="list-style-type: none"><li>▪ Minutes of the spring 2009 meeting were reviewed and approved.</li></ul>   |
| Enrollment and Retention Report              | <ul style="list-style-type: none"><li>▪ Electrical Major program enrollments are up 81 at Toledo campus and 254 at the Findlay campus from the 2008.</li><li>▪ The electrical certificates are up 1 student to 37.</li><li>▪ The Mechanical Major enrollment is down 36 students to 550.</li><li>▪ The Industrial Mechanic certificate is down 21 students from 28.</li><li>▪ The Machining certificate is up 2 students from 20.</li><li>▪ The Pipefitting /Plumbing certificate is down 3 students from 43 from spring 2008.</li><li>▪ Scott Killy explained that the current down turn and layoffs in economy has spiked an increase of those who have completed their apprenticeships to seek completion of their degrees.</li><li>▪ The mechanical areas are less in demand as the outlook for manufacturing trends seems to be towards additional automation. Grants dollars are up for areas of electrical, utility, facility services, and training in alternative energies. The mechanical manufacturing sector has not met the demand for grant dollars.</li></ul> | <ul style="list-style-type: none"><li>▪ Members agreed that most businesses in this industry are seeing a slow-down due to economic conditions.</li><li>▪ Dual skills are in demand, i.e., training mechanics with additional electrical, and millwright skills.</li><li>▪ Scott Killy stated Owens offers programs in all the areas mentioned and are currently benefiting from these grants. Owens currently offers a non-credit photovoltaic course at WCS. Equipment has been purchased and will be installed over the summer for a degree program in alternative energies. Program is slated to start spring 2010 under the School of Technologies.</li></ul> |
| Faculty Report                               | <ul style="list-style-type: none"><li>▪ Attending faculty member, Dan Francoeur would like to see more consistency in the course syllabus between the classes. He also would like students to be better prepared or screened for courses in which they enroll. Instructors should not have to teach students that have not attended prerequisite course(s). This puts too much burden on both the instructor and the</li></ul>   | <ul style="list-style-type: none"><li>• Scott takes responsibility for the inconsistency in the program. Further importance of this must be amplified.</li><li>• Returning to one syllabus per course and making an effort to conduct chair evaluations during the year will help with course consistency.</li><li>• Catalog corrections have been submitted for the</li></ul>   |

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|                                     | <p>class. The college needs to be held accountable.</p> <ul style="list-style-type: none"> <li>▪ Problems arise with inaccurate information in the college catalog. Advisors utilize this as a guide to place students.</li> <li>• Dan Francoeur also reported that worn out equipment needs to be replaced and there should be enough hand tools for every student. Students have an unfair disadvantage due to inaccurate equipment. Much of the problem is due to damaged equipment being returned without its condition being reported. Students may feel that they could be held responsible.</li> </ul>   | <p>next edition of the catalog.</p> <ul style="list-style-type: none"> <li>• The School of Technology is working on having its' own advisors.</li> <li>• Equipment will be reviewed for replacement.</li> </ul> |
| Student Report                      | No Report. No Student Representation  | <ul style="list-style-type: none"> <li>• The committee strongly agreed that students need to play a more important role in the program and should have more representation on council.</li> </ul>               |
| Outcomes Assessment Report          | <ul style="list-style-type: none"> <li>▪ Nothing to report.</li> </ul>  | <ul style="list-style-type: none"> <li>▪ Scott Killy will mail outcomes assessment information to advisory members when it is available.</li> </ul>   |
| Outcomes Competency Validation      | <ul style="list-style-type: none"> <li>▪ Nothing to report</li> </ul>   |   |
| Program and Curriculum Enhancements | <ul style="list-style-type: none"> <li>▪ As the program has been moved to the School of Technology (SOT) under Dean Mark Durivage, a number of transitions are taking place.</li> <li>▪ Scott Killy will be working with SOT Dean and Chairs to eliminate duplication of courses between Skilled Trades and other programs offered under the SOT.</li> <li>▪ Scot Killy presented power point presentation on potential changes in courses. SKT 131, Electrical Prints and SKT 132,Electrical Control Prints; SKT 181, Motor Control Systems, and SKT 182 Motor Control Systems Intermediate: SKT 183, PLC's SKT 255, PLC's Advanced; and SKT 265, PLC's Application; SKT 151, Fluid Power; Hyd. SKT 152, Fluid Power: Pumps &amp; Systems; SKT 153, Fluid Power: Pneumatics</li> <li>▪ Other programs have dropped several courses and have eliminated entire programs.</li> </ul> | <ul style="list-style-type: none"> <li>• Currently Courses have been forwarded to the Curriculum Committee for review. Our goal is to have current submitted changes ready for the 2011 catalog.</li> </ul>     |

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| <p>Equipment, Facilities, and Staffing</p> | <ul style="list-style-type: none"> <li>▪ The department is looking at moving into the old Penta facility in the near future.</li> <li>▪ Herman Kurrelmeier has proposed the construction of a trainer that will provide application of a PLC to regulate two (2) pumps with two (2) reservoirs to control flow, reservoir temperature, and level. The trainer could have other applications, but would provide current/common applications students may be asked to apply on the job. He reports that the committee (Matthew French, James Huff, Scott Killy, Herm Kurrelmeier, and James Walsh) has agreed to price needed material for the hydraulic and power supply; then the electrical controllers can be priced. The committee will meet to discuss other needs and construction, and then move to provide needs assessment and proposal for funding.</li> </ul> | <ul style="list-style-type: none"> <li>▪ Work has not started on the Technology Center (formerly Penta Skill Center) Current facilities will probably remain in use through 2010.</li> <li>▪ Work on trainer has minimal. Herman has sat down with student from the CAD program who has produced two drawings. Our next move is to get new estimates for the equipment.</li> <li>▪ Advisory members should give their suggestions on what is needed in the lab to Jim Peschel at 567-661-7652 or Josh Killy at 567-661-7650.</li> </ul> |
| <p>Accreditation Status</p>                | <ul style="list-style-type: none"> <li>▪ National Association of Industrial Technology (NAIT) has changed to The Association of Technology, Management, and Applied Engineering (ATMAE)</li> <li>▪ The Facility Maintenance and HVACR Technology along with the Skilled Trades Electrical/Mechanical programs will be evaluated for ATMAE accreditation in the near future.</li> </ul>  |   |
| <p>Other</p>                               | <ul style="list-style-type: none"> <li>▪ Advisory Committee Office Elections</li> <li>▪ The meeting adjourned at 11:15 p.m.</li> </ul>  | <p>Chair: Maurice Davis<br/> Vice Chair: Daniel Francoeur<br/> Secretary: Michael Welty</p>   |