

Owens Community College

Manufacturing Technology – Welding Advisory Meeting

Date: November 9, 2006

Location: The Toledo Zoo, Toledo, Ohio

Industrial Attendees: Larry Blake, Terry Lowe, Greg Morgan, Aaron Oyster, Phillip Pietras, Mike Rogers, Mark Scalise

Student Attendees: Gary Zawistowski

Owens Attendees: Mark Durivage, James L. Gilmore, Greg Morgan, Charles Stewart, Bob Williams, Bob Woda; Advisor: Stan Paige

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 at 8:30 a.m. by Chairman Dick West. ▪ Aaron Oyster, Lincoln Electric, explained he is replacing Jason Keys who was promoted to the Columbus office. He feels fume extraction is a hot topic in the community. There is particular concern regarding Chrome 6 that is produced when welding stainless. 	<ul style="list-style-type: none"> ▪ Minutes were distributed, read and approved with one correction--Dick West was present and will be added to the industrial attendees. ▪ Minutes are posted on the Owens web site at www.Owens.edu, under Academic Programs, School of Technology, Programs, Welding Technology, Advisory Committee, Minutes
Enrollment and Retention Report	<ul style="list-style-type: none"> ▪ The Welding program enrollment increased 41 students as compared to last fall. ▪ There was no change in enrollment in the mini certificates. Although the numbers aren't showing it, there are 3-5 students completing each of these certificates every semester. ▪ The regular Welding certificate enrollment was down four students. ▪ Enrollment in the School of Technology increased 2.3%. ▪ Bob Williams and Charlie Stewart are doing a Welding demonstration for the Girl Scouts Saturday, November 11th. The girls (ranging in age from 12-17) torch cut a frog out of steel, weld on the tongue and eyes, and are able to take the completed frog with them. This is the fourth year for this event. ▪ There was discussion regarding the discontinuation of vocational and high school welding programs. The needs of industry are not being met when these welding programs are cut. 	<ul style="list-style-type: none"> ▪ Bob Williams and Charlie Stewart received an award from the Maumee Valley Girl Scout Council for their demonstrations. ▪ Advisor Stan Paige and Dean Durivage are currently in the process of working out the logistics of having a resident advisor in the IET building. ▪ The importance of promoting the Welding industry was stressed.
Faculty Report	<ul style="list-style-type: none"> ▪ Bob Woda inquired as to how Owens could become an accredited site for AWS Certification. ▪ Greg Morgan attended a seminar given by 3M that talked about the different cases in the court system in regards to fumes given off by welding rods. ▪ Students are encouraged to wear masks, along with safety 	<ul style="list-style-type: none"> ▪ Dick West will check to see if the AWS Certification is still available. Offering this certification at Owens was researched before and was determined to have no value. ▪ Mark Scalise commented that he has seen a number of programs in his travels and in his

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	glasses and hearing protection to promote good safety habits.	opinion, Owens has an outstanding program with talented instructors.
Student Report	<ul style="list-style-type: none"> ▪ Student Gary Zawistowski who is a Whitmer graduate commented that the 10 waived credits helped him decide to come to Owens. He has much respect for the program, it makes you work hard the whole semester every semester. The instructors make sure you know what you are doing and why. ▪ Gary has passed the vertical certification and will take the overhead certification exam the week of November 13th. ▪ Student stated it was hard to find a 4 ½” grinder to use in the lab. 	
Outcomes Assessment Report	<ul style="list-style-type: none"> ▪ Modified outcomes were implemented this semester. 	
Outcomes Competency Validation	<ul style="list-style-type: none"> ▪ Data currently being collected from instructors. 	<ul style="list-style-type: none"> ▪ Validation will be revisited in the spring semester once the outcomes are received back from the instructors.
Program and Curriculum Enhancements	<ul style="list-style-type: none"> ▪ Jim Gilmore reported that automation has become increasingly important because there is a shortage of qualified welders. It will be the next step for the Welding program. He hopes to someday have a robot in the lab. ▪ Suggestion was made to make a trip to Lincoln to see their automation system. ▪ Bob Woda expressed concern that WLD 190 and 191 books were not available for the start of the semester. Jim Gilmore explained that the books were there, but were placed under other courses that use the same book. 	<ul style="list-style-type: none"> ▪ It is easy to get caught up in the high tech world, but the basic skills will always be needed and are essential. ▪ Jim Gilmore will research what grants are available for schools to help with acquiring a robot. ▪ Quantities of books ordered for each class are being revisited and discussions are underway with the bookstore.
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> ▪ Even though air quality in the lab meets state standards, Greg Morgan feels an exhaust fan is needed over the back exit door. One of the smoke eaters needs to have the motor replaced. ▪ Charlie Stewart feels that flexible arms with canvass material would be better than the hoods now used for venting. The arms would allow the student to move them wherever they are needed. ▪ Seven welders, a Scotsman iron worker, and a push-pull python gun were purchased with capital equipment funds. 	<ul style="list-style-type: none"> ▪ Greg Morgan reported that six new 4 ½” grinders have been purchased for the lab, although use of the larger grinders is encouraged. ▪ A tool room is being planned that will have 24 4½” grinders along with 6 large grinders. Students will check out tool boxes that contain materials needed. This will help in keeping track of materials used. ▪ Suggestion was made to include the 4 ½“ grinder in the tool box. ▪ Greg Morgan will continue to explore ways to

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		<p>get exhaust tubes more flexible for students.</p> <ul style="list-style-type: none">▪ By the end of the semester, Greg Morgan hopes to have two machines in the lab set up for GMAW Pulse.
Accreditation Status	<ul style="list-style-type: none">▪ In an effort to get information out to the public, Jim Gilmore has written a generic letter describing all the Manufacturing and Industrial Operations Technologies programs along with their accreditations. Jim would like to include the AWS accreditation in this letter.	<ul style="list-style-type: none">▪ Members were asked to review the generic information letter and let Jim Gilmore know if there is anything else they would like to include in it.
Other	<ul style="list-style-type: none">▪ DSI Welding will be providing a laser welding demonstration at Fort Meigs on November 14.▪ The Lincoln Motorsports event will be held on April 5, 2007. It was suggested to ask Phil Barr to speak again.▪ Terry Lowe presented Jim Gilmore with a \$5,000 check for the Don Leonhardt Welding Scholarship fund. With this check, the fund will have over \$10,000.▪ The School of Technology's newsletter "Tech Expressions" is coming out soon and will have an article about the scholarship as well as a list of its contributors. It will also have an article about last year's Lincoln Motorsports event.▪ The meeting adjourned at 10:10 a.m.	<ul style="list-style-type: none">▪ Jim Gilmore will put together a generic invitation for Enrollment Services to distribute. He will also contact Haas to see if they will set up a display or if they sponsor a driver or car for the Lincoln Motorsports event in April.▪ The week of March 5th or 19th would work best for students to tour the piping trades training center.▪ The best time for a touch start TIG welding class would be Monday night or Saturday morning at the end of January or beginning of February.