

Owens Community College

Advanced Integrated Manufacturing Systems Technology / Computer Aided Machining Advisory Meeting

Date: April 18, 2008

Location: The Toledo Zoo

Industrial Attendees: Bob Bochi, Katie Bush, Paul Kortier, Scott Opal, Scott Sulewski, Lori Taylor, Roger Thomas, Jeff Thompson, Todd Tracey, Chris Tsiros, Cheryl Volkmer

Student Attendees: None

Owens Attendees: Mark Durivage, Todd Gearig, James Gilmore, Peter Johns, Nerur Satish, Randy Wharton; Advisor-Stan Paige

Topic	Discussion/Rationale	Recommendation/Decision/Action
Call to Order and Review of Previous Minutes	<ul style="list-style-type: none"> ▪ The meeting was called to order at 9:30 a.m. by advisory member Paul Kortier. ▪ Introductions were made. 	<ul style="list-style-type: none"> ▪ Minutes were reviewed and approved and will be posted on the Owens web site.
Enrollment and Retention Report	<ul style="list-style-type: none"> ▪ AIST enrollment was down 3 students to 16 compared to last spring. ▪ CAM Option enrollment was the same at 2 students. ▪ Manufacturing enrollment was down 9 students to 16. ▪ Management Option was up 5 students to 15 ▪ CAD/CAM Certificate was the same with 5 students. ▪ CNC Certificate down 2 students to 0. ▪ Electrical Maintenance Option was the same at 2 students. ▪ Machinist Certificate down 7 students to 14. ▪ Mechanical Maintenance Option has 1 student. ▪ As students complete their certificates and move on, the enrollment numbers drop. Enrollment figures reflect the number of students who declare a major. Many students do not declare a major which is difficult to track. ▪ The average age of an Owens SOT student is 29. Most are already employed and coming back to upgrade their skills. Not many are coming right out of high school. ▪ High school students need to be exposed to what their options are – they just aren't aware of what is out there. Parents typically steer their children away from manufacturing careers because of its image. ▪ Randy Wharton and Mark Durivage visited Bedford High School and talked to the machine shop and other instructors. They are interested in sending students to Owens. ▪ Jim Gilmore has also been visiting area high schools and career centers to promote the Manufacturing and Industrial Operations programs. Cheryl Volkmer stated that it is much easier for Owens to come to the schools than to bus the kids to Owens. 	<ul style="list-style-type: none"> ▪ Students will continue to be urged to declare a major. ▪ Industry sponsored scholarships may entice students to a particular program. Katie Bush will investigate the possibility of Haas offering numerous scholarships. ▪ Jim Gilmore is exploring the possibility of a concentrated program where students can receive a machining certificate in 16 weeks. ▪ Another Design Manufacturing seminar sponsored by Haas, FasTech, and MasterCAM is scheduled for May 14th & 15th. The first day is for industry with high school and college students being invited for the second day. Lunch for industry participants will be provided. Jim agreed to pay for lunches for students. ▪ Jim Gilmore is putting articles regarding the availability of jobs in the manufacturing industry on the Owens website for students to see. Katie Bush reported that the Haas website is being revamped and job opportunities will be listed on that site as well. ▪ It was suggested to visit the manufacturing facilities to inform the employees of the training opportunities available to them if they want to make more money. ▪ Jim Gilmore will get the number of NTMA students taking classes in the Haas lab.

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Faculty Report	<ul style="list-style-type: none"> ▪ John Cunningham is still on medical leave. His health is improving and he is in good spirits. He is hoping to return in the fall. ▪ Scott Sulewski is teaching a basic machine operations class this semester. The students are enthusiastic and it has been great teaching it. ▪ Todd Gearing teaches the two-day Haas technical introductory courses. A mill and a lathe session is offered every month. Usually there are only 3-4 students in each class. ▪ Peter Johns reported that Dennis Helsel is teaching the MasterCAM class. He is hearing comments from the students that they wish there was more of a basic class before coming into this one. The Manufacturing students have the basics before taking this class, but there are others who take it that might not. ▪ Pete also mentioned that there are two students interested in working for Haas in California. One is applying to Orange County Choppers and another to Ty Coddington. 	
Student Report	<ul style="list-style-type: none"> ▪ The student representative was unable to attend. 	
Outcomes Assessment Report	<ul style="list-style-type: none"> ▪ Nothing to report. 	
Outcomes Competency Validation	<ul style="list-style-type: none"> ▪ Nothing to report. 	
Program and Curriculum Enhancements	<ul style="list-style-type: none"> ▪ Jim Gilmore distributed a copy of the Advanced Manufacturing program curriculum. There are several career tracks, so students can specialize in any area. CAM has been added as an option. This program gives students a broad background to work on equipment. 	<ul style="list-style-type: none"> ▪ Jim Gilmore will contact Cheryl Volkmer to develop a written articulation agreement for the AIST program. ▪ It was suggested to change the name of the program to something without manufacturing, such as Applied Engineering. Engineering usually means money to parents.
Equipment, Facilities, and Staffing	<ul style="list-style-type: none"> ▪ Nothing to report. 	
Accreditation Status	<ul style="list-style-type: none"> ▪ Nothing to report. 	<ul style="list-style-type: none"> ▪ The program continues to maintain NAIT and HLC accreditation.
Other	<ul style="list-style-type: none"> ▪ Washington Career Center will be auctioning all their machine trades lab equipment on June 17th in the Center's parking lot. ▪ Meeting adjourned at 11:05 a.m. 	<ul style="list-style-type: none"> ▪ Chair-Doug Struble; Vice Chair-Ian Ward; Secretary-Debra Heban