

MACHINE TOOL TECHNOLOGY ADVISORY COMMITTEE  
 FOLLOW-UP MEETING  
 June 19, 1997

Present: Steve Atma, Faculty  
 Dr. Carlos Olivarez, Dean, Academic and Student Services  
 Ruth Springer, Secretary  
 Paul Wayrynen, Paraprofessional

Date Recommended	Advisory Committee Recommendations	Follow-Up Actions
10/23/96	1. That ATM 215, APT Programming Applications, and ATM 216, APT Language Programming, be removed from the Numerical Control curriculum and replaced with more current subject matter. <b>In Process</b>	1a. Mr. Steve Atma is currently working on a plan for curriculum revision to bring OCC's Machine Tool Program into line with the curricula at Oakland Technical Center - Southeast (OTC-SE) and Ferris State University, in order to provide a smooth transition for OTC graduates who wish to continue their studies at OCC and then go on to Ferris.  1b. As a part of this process, Mr. Atma will be working with Mr. Bob Globke of OTC-SE to establish a Tech Prep agreement for the Machine Tool Program.  1c. The curriculum revision will include the deletion of ATM 215 and ATM 216 and their replacement with more current subject matter.
10/23/96	2. That OCC attempt to alleviate the potential problems caused by the cancellation of classes with less than 15 students enrolled, and the piggybacking of classes in order to achieve the required enrollment of 15. <b>In Process</b>	2a. ATM 110 has been separated from ATM 112, ATM 114, and ATM 118.  2b. For Winter 1997, one section of ATM 110 and a piggybacked section of ATM 112, ATM 114, and ATM 118 were allowed to run with less than 15 students in the hope that this will increase student numbers in the more advanced sections for Fall 1997.

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10/23/96	3. That OCC attempt to work more closely with local professional organizations, such as the Detroit Tooling Association, National Machine Tool Builders Association, and the Society of Manufacturing Engineers. <b>In Process</b>	3. After the revised curriculum is in place (see no. 1a), OCC will attempt to market it by distributing copies of the program to area companies.
10/23/96	4. That OCC consider the possibility of teaching the material covered in ATM 110, Introduction to Machine Tools, ATM 112, Machine Tool Operation I, ATM 114, Machine Tool Operation II, and ATM 116, Machine Tool Operation III in three classes rather than four. If this is not feasible, then course descriptions for all four classes should be made more specific, so it is clear what is covered in each class. <b>Not Approved</b>	4. In the revised curriculum, it is more likely that the subject matter will be stretched out rather than condensed as suggested in this recommendation. Course descriptions will be made more specific, so it is clear what is covered in each class.
10/23/96	5. That equipment in the Machine Tool Lab be updated. <b>In Process</b>	5. Mr. Atma will put together two lists for submission to the Budget Council, one of immediate equipment needs in the Machine Tool Lab, and another of needs that should be met in the near future. These lists will include priorities, specific amounts of money, and how the requested equipment will be used.
10/23/96	6. That more space be allocated for Machine Tool lab equipment. <b>Completed</b>	6. Certain pieces of old equipment will be moved out to make room for new equipment as it is obtained.

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10/23/96	<p>7. That OCC work with industry in an attempt to obtain updated equipment by donation or by being allowed to purchase the equipment at cost. <b>In Process</b></p>	<p>7a. Bridgeport has provided OCC with a machine at a discounted price.</p> <p>7b. A Dynapath 40 has been obtained at a discounted price.</p> <p>7c. Mr. Atma will continue his efforts to obtain additional equipment through educational discounts from equipment suppliers.</p>
10/23/96	<p>8. That the best possible computers be obtained for the Machine Tool Lab. <b>In Process</b></p>	<p>8a. The ten computers replaced by the upgrade of the AutoCAD Lab in room A401 have been reallocated to the Machine Tool Lab.</p> <p>8b. Mr. Atma will continue his efforts to obtain the best possible computers for the Machine Tool Lab.</p>
10/23/96	<p>9. That simulation be used in instruction. <b>In Process</b></p>	<p>9. Simulation software is currently being used with the Workforce Preparation Services classes as a study to assess its effectiveness as a teaching tool.</p>
10/23/96	<p>10. That OCC consider the possibility of a partnership with OTC-SE, perhaps to include the possibility of holding classes there. <b>In Process</b></p>	<p>10. This will be considered as a part of the working relationship between OCC and OTC-SE (see nos. 1a and 1b).</p>
3/11/97	<p>11. That OCC consider the possibility of reducing the minimum student enrollment for Machine Tool classes from 15 to 12. <b>In Process</b></p>	<p>11. Under consideration.</p>

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3/11/97	12. That arrangements be made for Machine Tool students to visit a local facility to observe professionals using the equipment students will be using when they are employed. <b>In Process</b>	12. Dr. Carlos Olivarez and Mr. Atma will explore the possibility of arranging such a visit.
3/11/97	13. That OCC consider increasing the credit hours for Machine Tool classes, perhaps to 6 credits per class, so that students could complete a project in one term rather than splitting it up between terms. <b>In Process</b>	13. This will be considered during the curriculum revision process (see no. 1a).
3/11/97	14. That a student chapter of the Society of Manufacturing Engineers (SME) be activated on the Auburn Hills Campus. <b>Completed</b>	14. A student chapter of SME has been activated on the Auburn Hills Campus with Mr. Phil Crockett as the OCC contact person.
3/11/97	15. That OCC consider making participation in SME a requirement for students in some classes. <b>In Process</b>	15. Under study.

The next meeting of the Machine Tool Technology Advisory Committee will take place from 5:00 to 7:00 p.m. on Tuesday, September 30, 1997, in room T-6. Dinner will be served at 5:00 p.m.

Respectfully submitted,



Ruth Springer

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