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MACHINE TOOL TECHNOLOGY

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1/21/97
(atm.lst)

**MACHINE TOOL TECHNOLOGY ADVISORY COMMITTEE
FOLLOW-UP MEETING
January 16, 1997**

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

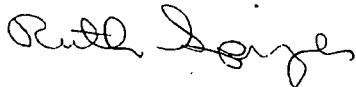
Advisory Committee Recommendations	Follow-Up Actions
<p>1. That ATM 215 and ATM 216 be removed from the Numerical Control curriculum and replaced with more current subject matter.</p>	<p>1a. Dr. Carlos Olivarez will contact Mr. John Danzer, Principal of Oakland Technical Center Southeast (OTC-SE), to request a copy of their Machine Tool Program.</p> <p>1b. Ms. Ruth Springer will contact Mr. Jeff Carney, Welding instructor at Ferris State University to get the name of the appropriate person to contact in Ferris's Machine Tool Department.</p> <p>1c. Mr. Steve Atma will contact the appropriate person at Ferris to request information regarding their Machine Tool Program.</p> <p>1d. Mr. Atma will review the OTC-SE and Ferris curricula and prepare a plan for curriculum revision to bring OCC's Machine Tool Program into line with theirs, in order to provide a smooth transition for OTC graduates who wish to continue their studies at OCC and then go on to Ferris. He will attempt to have this curriculum revision ready to take to the Auburn Hills Curriculum Committee by February 14, 1997.</p> <p>1e. This curriculum revision will include the deletion of ATM 215 and ATM 216 and their replacement with more current subject matter.</p>

Advisory Committee Recommendations	Follow-Up Actions
<p>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.</p>	<p>2a. ATM 110 has been separated from ATM 112, ATM 114, and ATM 118.</p> <p>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.</p>
<p>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.</p>	<p>3. After the revised curriculum is in place (see no. 1), OCC will attempt to market it by distributing copies of the program to area companies.</p>
<p>4. That OCC consider the possibility of teaching the material covered in ATM 110, ATM 112, ATM 114, and ATM 116 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.</p>	<p>4. This will be considered during the curriculum revision process (see no. 1).</p>
<p>5. That equipment in the Machine Tool Lab be updated.</p>	<p>5. Along with curriculum revision (see no. 1), OCC will seek to obtain the equipment needed for the subject matter to be covered.</p>
<p>6. That more space be allocated for Machine Tool lab equipment.</p>	<p>6. Certain pieces of old equipment will be moved out to make room for new equipment as it is obtained.</p>
<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.</p>	<p>7. Mr. Atma will seek to obtain the equipment needed under the curriculum revision (see no. 5) through educational discounts from equipment suppliers.</p>
<p>8. That the best possible computers be obtained for the Machine Tool Lab.</p>	<p>8. Dr. Olivarez will call Ms. Bonnie George of OCC's Business & Professional Services to request that the computers replaced by the upcoming upgrade of the AutoCAD Lab in room A401 be reallocated to the Machine Tool Lab.</p>

Advisory Committee Recommendations	Follow-Up Actions
9. That simulation be used in instruction.	<p>9a. Dr. Olivarez and Mr. Atma will meet with Ms. Karen Pagenette of OCC's Workforce Preparation Services to review her plans for a modularized program and find out whether she intends to use simulation software which could also be used in other Machine Tool classes.</p> <p>9b. Mr. Atma will give Dr. Olivarez information regarding two simulation packages which he would like to obtain. Dr. Olivarez will attempt to obtain funding for their purchase.</p>
10. That OCC consider the possibility of a partnership with OTC-SE, perhaps to include the possibility of holding classes there.	10. This will be considered as a part of the curriculum revision process (see no. 1).

The next meeting of the Machine Tool Technology Advisory Committee will take place at 5:00 p.m. on Tuesday, March 11, 1997, in room T-6.

Respectfully submitted,



Ruth Springer

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