

ROBOTICS/AUTOMATED SYSTEMS TECHNOLOGY ADVISORY COMMITTEE
 FOLLOW-UP MEETINGS
 November 11 and December 8, 1998

Present: Sharon L. Blackman, Ed.D., Dean of Technology
 Michael L. Clancy, Educational Technology Consultant
 Phillip Crockett, Workforce Development Services
 Sally Kalson, Coordinator of Cooperative Education
 Pat May, Counselor
 John Sefcovic, Paraprofessional
 Ruth Springer, Secretary
 Doug St. Clair, Faculty

Recommendations from previous advisory committee meetings have been prioritized and renumbered accordingly.

Date Recommended	Advisory Committee Recommendations	Follow-Up Actions
10/6/98	1. That a mission statement be established for the Robotics/Automated Systems Technology Advisory Committee. In Process	1. A first draft of a mission statement is attached. It will be reviewed by the advisory committee at its next meeting in Fall 1999.
9/23/97	2. That OCC seek to add representatives of more companies to the Robotics Advisory Committee. In Process	2. This will be done prior to the next advisory committee meeting. Nominations will be sought from current advisory committee members, as well as from OCC faculty and staff. To be completed by May 1, 1999.
10/6/98	3. That advisory committee members and/or other representatives of their companies be invited to come in and talk to students about new technology or other appropriate subject areas. In Process	3. Mr. St. Clair will invite industry speakers as needed, and create a record of guest lectures. He will report back to the advisory committee at its next meeting in Fall 1999.
10/6/98	4. That OCC personnel attend a Robot Industries Association seminar about safety specification. In Process	4. Mr. St. Clair and Mr. John Sefcovic will submit a seminar attendance request to Dr. Blackman. To be completed by July 1, 1999.

Date Recommended	Advisory Committee Recommendations	Follow-Up Actions
10/10/96	5. That tours of area companies be included as a part of the instruction offered in the Robotics Program. In Process	5. Mr. St. Clair will work with Mr. Randy Schroeder to arrange a tour of FANUC Robotics during Winter 1999.
9/23/97	6. That Robotics students be required to do presentations. Completed	6. Individual and group presentations are already included in most Robotics classes
9/23/97	7. That a review of competencies and opportunity for new curriculum suggestions be included in the agenda for every advisory committee meeting. Completed	7. These items have been added to the standard agenda used at advisory committee meetings.
10/10/96	8. That OCC attempt to provide some instruction in simulation as a part of the Robotics Program. Completed	8. Workspace software has been donated and will be in use in classes by Fall, 1999. Workspace is also providing free training for Mr. Doug St. Clair and Mr. John Sefcovic.
10/10/96	9. That OCC explore the possibility of including more instruction in communication skills, including writing, speech, and listening skills, as a part of the Robotics Program. Completed	9. Mr. St. Clair is working with Ms. Suba Subbarao of the English Department on a grant project through Oakland Schools to determine what kind of reports are generated by service people in the Robotics field. This information will be incorporated into ROB 152, ROB 240, and ROB 250. When students work on the robots in class, they will be required to write reports on their work which are similar to what would be required on the job. Ms. Subbarao will also use the information in her English classes.
9/23/97	10. That report-writing of the type normally done on the job be incorporated into the Robotics curriculum as much as possible. Completed	10. See no. 9
10/10/96	11. That OCC explore the possibility of including a co-op experience in the Robotics Program. On Hold	11. To be discussed at the next advisory committee meeting in Fall 1999.

Date Recommended	Advisory Committee Recommendations	Follow-Up Actions
10/10/96	12. Rather than requiring ATF 140 and ATF 147, the material needed by Robotics students in the areas of Pneumatics and Hydraulics be taught in a single class, with the primary emphasis on Pneumatics. Future	12. The development of a Manufacturing Technology Program may include a Fluid Power course which may fulfill this recommendation. A report on the Manufacturing Technology Program will be provided at the next Robotics/Automated Systems Technology Advisory Committee meeting.
3/24/97	13. That Robotics students be surveyed to find out what kind of students the program is serving and what their needs and career goals are. Deleted	13. The possibility is being considered of doing this type of survey for all disciplines within the Technology Department. Therefore, the recommendation will be removed from this list and will be reinstated at the appropriate time.

Respectfully submitted,



Ruth Springer

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ROBOTICS/AUTOMATED SYSTEMS TECHNOLOGY ADVISORY COMMITTEE

MISSION STATEMENT

The committee should periodically review the Robotics curriculum and objectives to insure they are valid for our students to become employable in the field of robotics and automation technology. Committee members are a resource for the program in terms of speakers and field trips. Members act as a liaison within their organizations and with other related sectors of the industry for equipment and instructional needs. They are also advocates of the program and for the employment of our qualified students.

WELDING TECHNOLOGY ADVISORY COMMITTEE
 FOLLOW-UP MEETING
 December 3, 1996

Present: Steve Atma, Faculty
 Sally Kalson, Coordinator of Cooperative Education
 Dr. Carlos Olivarez, Dean, Academic and Student Services
 Bob Sleva, Paraprofessional
 Ruth Springer, Secretary
 Doug St. Clair, Faculty

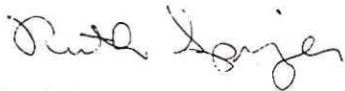
Advisory Committee Recommendations	Follow-Up Actions
1. That OCC investigate the possibility of doing welding certification testing at the Auburn Hills Campus.	1. Mr. Bob Sleva will ask Mr. Bob Hughes for more detailed information about this and report back to the next advisory committee meeting.
2. That OCC seek to develop a two-year Welding Program which would be equivalent to the two-year program offered at Ferris State University, and which would articulate with related programs at Ferris, Sienna Heights, and Wayne State University.	2a. Ms. Ruth Springer will contact Mr. Jeff Carney, Assistant Professor, Welding Engineering Technology, Ferris State University, to attempt to set up a time when OCC personnel can meet with him to learn more about the Welding Program at Ferris. 2b. Ms. Springer will attempt to obtain written information about the Welding Program at Ferris. 2c. Ms. Sally Kalson will contact Ms. Lisa Skronowski, new Cooperative Education Coordinator at OCC's Orchard Ridge Campus. She formerly worked at Washtenaw Community College and may be able to provide information about Washtenaw's successful Welding Program.

Advisory Committee Recommendations	Follow-Up Actions
3. That OCC consider developing a two-step program with one level which would prepare students for work as a welder, and a second level which would provide training as a welding technician.	3. Action to be taken upon receipt of information sought in nos. 2a, 2b, and 2c above.
4. That people from industry be encouraged to volunteer to come in and talk to students to help them understand that better salaries are available in the welding field if they continue their studies.	4. Mr. Sleva will contact Mr. Patrick Clayton to invite him to come and speak to the Welding students.
5. That an exception be sought from the OCC Faculty Association so that up to four Welding classes could be taught by the same instructor at the same time.	5. Mr. Steve Atma and Mr. Doug St. Clair will contact Mr. Chuck Neumann, President of the OCC Faculty Association, in regard to how to apply for this exception.
6. That OCC attempt to obtain additional equipment, such as a Rockwell tester, analyzing equipment, and other equipment used in inspection.	6. Action to be taken upon receipt of information sought in nos. 2a, 2b, and 2c above.
7. That OCC attempt to obtain equipment and offer classes in resistance welding.	7. Resistance welding is currently being taught in ROB 164, Interpolated/Welding Robotic Applications, which is a required course in the Welding curriculum.
8. That, once an upgraded program is in place, OCC develop a brochure and use other advertising methods to market the program, including marketing directly to high school classes.	8. Action to be taken when an upgraded program is in place.
9. That OCC consider the possibility of offering basic Welding courses as extension classes at the Oakland Technical Centers.	9. Under discussion.
10. That OCC become an institutional member of the American Welding Society.	10. Dr. Carlos Olivarez will obtain an American Welding Society information packet from Mr. Karl Lis to be review by the group.

Advisory Committee Recommendations	Follow-Up Actions
11. That interested committee members meet as a subcommittee to prepare specific recommendations for the Welding program, this meeting to take place in the conference room at Wilson Welding at 4:00 p.m. on November 18, 1996.	

The next meeting of the Welding Advisory Committee will take place during the month of April, date and time to be determined after the start of the Winter 1997 term.

Respectfully submitted,



Ruth Springer

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