### Program Goal:

To provide students the job-entry skills needed to acquire positions in a wide array of automated environments, who will have as their primary responsibilities, to install, maintain, upgrade, troubleshoot and repair automated systems and their components.

<table>
<thead>
<tr>
<th>Critical Outcomes for all Students</th>
<th>Assessment of Outcomes</th>
<th>Timeline</th>
<th>Results</th>
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</thead>
<tbody>
<tr>
<td><strong>Domain/Task/Capability</strong></td>
<td><strong>Performance Criteria/Benchmarks</strong></td>
<td><strong>Instrument/Opportunity</strong></td>
<td><strong>Assessment of Performance</strong></td>
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<td>1. Technical</td>
<td>A. Reading and interpreting drawings, schematics and technical specifications: Students will demonstrate the ability to read and correctly interpret electrical and mechanical drawings, schematics and technical specification sheets. B. Programming: Students will demonstrate an understanding of programming concepts relating to the control of a system or process.</td>
<td>Written and hands on project exam in Automated Systems I</td>
<td>A. Given an assembly or troubleshooting project, 80% of all students will be able to correctly read and interpret electrical and pneumatic drawings, schematics and other technical specification sheets needed to correctly assemble or troubleshoot equipment. B. Given written program segments, 80% of all students will be able to determine the function or purpose of the program segment.</td>
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<td>2. Technical</td>
<td>Assemble, configuring and maintaining an automated system: Students will be able to safely</td>
<td>Written and hands on project exam in Automated Systems Troubleshooting II</td>
<td>Given a basic automated system, 80% of all students will safely be able to correctly assemble additional workable</td>
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<td>3. Job Skill</td>
<td>Students will demonstrate problem-solving, decision-making, responsibility, pride in self and work performance, and other learned behaviors and attitudes necessary for entering the work force and being self-sufficient.</td>
<td>Co-op Supervisor Evaluation Form</td>
<td>Score of 3 or higher on RIT Supervisor Online Co-op Evaluation system, sections “Interaction in the Work Environment,” “Quality of Work,” and “Communication and Literacy Skills.”</td>
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4. Co-op Work Experience
Students will demonstrate technical competency on the job in Automation Technology.
Co-op Supervisor Evaluation Form
Score of 3 or higher on RIT Supervisor Online Co-op Evaluation system, overall student job performance question.
20054 Summer 20084
For students in the Engineering Studies Department the mean ratings by co-op supervisors who completed the evaluation online during the four quarters 20104-20113 was as follows: 4.88 (N=16) for Overall Satisfaction.
Met expectations and no action required.

5. Job Placement
Student will gain entry-level employment in Applied Robotics field.
NCE
90% of graduates will be employed in the area of automated manufacturing.
20062 Winter 20082
No graduates were reported as seeking work for the reporting period. One was continuing in school.
N/A

6. Student Satisfaction
Graduating students will indicate satisfaction with program and courses.
Survey
85% of students will rate all aspects of the program and courses as satisfactory or above.
Winter 20052 Fall 20081
N/A
Program has been discontinued.
N/A

7. Alumni Satisfaction
Alumni will indicate satisfaction with the instruction they received
Alumni Survey
80% of Alumni will rate their NTID/RIT experience as Good or Excellent (5-
at NTID/RIT point scale) for the instruction they received.

Comments:
* Automation Technology program is scheduled for program elimination in the near future. We did not accept any first year students this year.

/ssl
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