Department of Industrial Technology

Academic Year 2014-15 Assessment Report

All areas shaded in gray are to be completed by the department/program.

MISSION STATEMENT

The Mission of Missoula College is to create a comprehensive, accessible, student-centered learning environment that fosters individual growth, facilitates workforce development, and provides a foundation for advanced academic achievement.

The Mission of the Department of Industrial Technology is to provide the local and regional workforce credentialed, skilled, and competent entry-level technicians and skilled-trades professionals, and to be responsive to emerging workforce needs. The Department encourages the development of teamwork and interpersonal communication skills required in the workplace. The Department also stresses the importance of a strong work ethic and the value of continuing education and lifelong learning.

DEPARTMENT OBJECTIVES and ALIGNMENT WITH STRATEGIC ISSUES

1. Provide hands-on training programs in skilled-trades professions including Building Maintenance, Carpentry, Diesel Equipment Technology, Heavy Equipment Operation, Welding Technology, and Recreational Power Equipment. (Partnering for Student Success)

2. Provide training that leads to industry certification in specific areas of the Building Maintenance, Carpentry, Diesel Equipment Technology, Heavy Equipment Operation, Welding Technology, and Recreational Power Equipment professions. (Education for the Global Century)

3. Expand program equipment inventory and faculty training to meet emerging trends for the Building Maintenance, Carpentry, Diesel Equipment Technology, Heavy Equipment Operation, Welding Technology, and Recreational Power Equipment professions. (Education for the Global Century)

4. Explore opportunities to become certified training centers for specific manufacturers. (Education for the Global Century)
5. Continually review with advisory board, employer / industry standards or expectations to ensure that all program standards reflect industry standards. (Education for the Global Century)

### STUDENT LEARNING GOALS AND MEASUREMENT TOOLS

<table>
<thead>
<tr>
<th></th>
<th>Writing and Math Placement Exam</th>
<th>Written Proficiency Exam</th>
<th>Performance Based Exams or Projects</th>
<th>Professional Certification</th>
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<tbody>
<tr>
<td>1. Students will demonstrate critical thinking and problem-solving skills necessary to be successful technicians or skilled-trades professionals in their respective disciplines, and demonstrate communication skills necessary to be successful in the workplace.</td>
<td></td>
<td>✓</td>
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<td>2. Students will demonstrate competency in computer literacy, mathematics, writing, and evidence of a thorough understanding of workplace and / or organizational issues.</td>
<td>✓</td>
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<td>3. Students will demonstrate evidence of understanding of state and federal safety regulations applicable to their respective technical or skilled-trades programs.</td>
<td></td>
<td>✓</td>
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<td>4. Students will demonstrate evidence of thorough knowledge of equipment and materials that promote a safe work environment.</td>
<td></td>
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<td>5. Students will demonstrate competency in all hands-on training courses of their respective technical or skilled-trades programs.</td>
<td>✓</td>
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<td>6. Students can earn industry specific certifications in most technical and skilled-trades programs.</td>
<td>✓</td>
<td>✓</td>
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</tr>
</tbody>
</table>
Previous program assessments in the Industrial Technology Department have not provided recorded and documented student outcomes that allow for meaningful improvement plans at this point.

A goal for the next assessment will be to have data available for review related to the Student Learning Goals.
APPENDICES

1. <List any attached appendices, such as a curriculum map or full data report from a measurement>

2.

3.

4.

FUTURE PLANS FOR CONTINUED ASSESSMENT

Previous program assessments in the Industrial Technology Department have not provided recorded and documented student outcomes that allow for meaningful improvement plans at this point.

A goal for the next assessment will be to have data available for review related to the Student Learning Goals.