Machine Tool Technology (MTT)
Associate in Applied Science
M.A.P.

<table>
<thead>
<tr>
<th>Semester</th>
<th>Suggested Courses</th>
<th>Semester(s) Offered*</th>
<th>Credit Hrs.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
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<td></td>
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<tr>
<td>18 credit hours</td>
<td>MTT 100 Machining Technology I</td>
<td>Fall</td>
<td>6</td>
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<tr>
<td></td>
<td>MTT 121 Basic Print Reading for Machinists</td>
<td>Fall</td>
<td>3</td>
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<tr>
<td></td>
<td>MTT 127 Metrology</td>
<td>Fall</td>
<td>3</td>
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<tr>
<td></td>
<td>MTT 142 Advanced Machining Calculations</td>
<td>Fall</td>
<td>3</td>
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<tr>
<td></td>
<td>ENG 101 English Composition I</td>
<td>Fall, Spring, Summer</td>
<td>3</td>
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<tr>
<td></td>
<td>MTT 129 Lathe Operations</td>
<td>Spring</td>
<td>6</td>
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<tr>
<td></td>
<td>MSP 107 Milling Machines</td>
<td>Spring</td>
<td>3</td>
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<td></td>
<td>MTT 154 Metallurgy</td>
<td>Spring</td>
<td>3</td>
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<td></td>
<td>MTT 164 Introduction to Precision Grinding</td>
<td>Spring</td>
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<tr>
<td></td>
<td>MTH 100 \textit{or} Intermediate College Algebra \textit{or} MTH 116 \textit{Mathematical Applications}^+</td>
<td>Fall, Spring, Summer</td>
<td>3</td>
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<tr>
<td><strong>Semester 2</strong></td>
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<td>18 credit hours</td>
<td>MTT 102 Machining Technology Advanced</td>
<td>Summer</td>
<td>3</td>
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<tr>
<td></td>
<td>MTT 144 Electrical Discharge Machining I</td>
<td>Summer</td>
<td>3</td>
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<tr>
<td></td>
<td>MTT 165 Advanced Precision Grinding Machines</td>
<td>Summer</td>
<td>3</td>
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<tr>
<td></td>
<td>MTT 205 Mold Maintenance and Repair</td>
<td>Summer</td>
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<tr>
<td></td>
<td>SPH 106 \textit{or} Fundamentals of Oral Communication \textit{or} SPH 107 \textit{Fundamentals of Public Speaking}^+</td>
<td>Fall, Spring, Summer</td>
<td>3</td>
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<tr>
<td></td>
<td>ORI 101 Orientation to College</td>
<td>Fall, Spring, Summer</td>
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<tr>
<td><strong>Semester 3</strong></td>
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<tr>
<td>17 credit hours</td>
<td>MTT 102 Machining Technology Advanced</td>
<td>Summer</td>
<td>3</td>
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<tr>
<td></td>
<td>MTT 144 Electrical Discharge Machining I</td>
<td>Summer</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MTT 165 Advanced Precision Grinding Machines</td>
<td>Summer</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MTT 205 Mold Maintenance and Repair</td>
<td>Summer</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SPH 106 \textit{or} Fundamentals of Oral Communication \textit{or} SPH 107 \textit{Fundamentals of Public Speaking}^+</td>
<td>Fall, Spring, Summer</td>
<td>3</td>
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<tr>
<td></td>
<td>ORI 101 Orientation to College</td>
<td>Fall, Spring, Summer</td>
<td>2</td>
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<td><strong>Semester 4+</strong></td>
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<td>9-10 credit hours</td>
<td>Area II Fine Art or Humanities</td>
<td>Fall, Spring, Summer</td>
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<td></td>
<td>Area III Math or Natural Science Elective</td>
<td>Fall, Spring, Summer</td>
<td>3-4</td>
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<td></td>
<td>Area IV History or Social/Behavioral Science</td>
<td>Fall, Spring, Summer</td>
<td>3</td>
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<tr>
<td><strong>MTT AAS Achieved</strong></td>
<td></td>
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^ Students desiring to obtain an Associate in Applied Science (AAS) in both MTT and Computerized Numerical Control (CNC) should complete the 3 semester MTT Certificate M.A.P. and then follow the 3 semester CNC AAS M.A.P.

*Course(s) may be offered in additional semesters, but are only assured to run in semester(s) indicated. It is \textit{highly} recommended for course(s) to be completed in the semester(s) indicated.

Part-time and full-time students desiring to begin the MTT program of study during a spring or summer semester should consult with an academic advisor to establish an alternate degree completion pathway.

Updated 2.18.2020