## Associate of Applied Science: Computerized Machining Technology

(2 Years)

All courses within the program must be completed with an overall 2.0 GPA (C or better average).

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Required Courses:</td>
<td></td>
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</tr>
<tr>
<td>MACH 0110</td>
<td>Machine Tool Lab I</td>
<td>3</td>
</tr>
<tr>
<td>MACH 0111</td>
<td>Machine Tool Theory I</td>
<td>2</td>
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<tr>
<td>MACH 0112</td>
<td>Machine Math I</td>
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</tr>
<tr>
<td>MACH 0115</td>
<td>Applied Machining Geometry</td>
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<tr>
<td>MACH 0120</td>
<td>Machine Tool Lab II</td>
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<tr>
<td>MACH 0121</td>
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<tr>
<td>MACH 0123</td>
<td>Blueprint Reading</td>
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<tr>
<td>MACH 0131</td>
<td>CNC Mill Setup</td>
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<tr>
<td>MACH 0135</td>
<td>Applied Machining Trigonometry</td>
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<tr>
<td>MACH 0141</td>
<td>CNC Lathe Setup</td>
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<tr>
<td>MACH 0145</td>
<td>Geometric Dimensioning and Tolerancing I</td>
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<tr>
<td>MACH 0220</td>
<td>CAD and CAM Applications I</td>
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</tr>
<tr>
<td>MACH 0221</td>
<td>CAD and CAM Theory I</td>
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<tr>
<td>MACH 0225</td>
<td>Interpreting Technical Data</td>
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<tr>
<td>MACH 0245</td>
<td>Geometric Dimensioning and Tolerancing II</td>
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<tr>
<td>MACH 0261</td>
<td>CNC Introduction to Theory</td>
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<td>MACH 0265</td>
<td>Introduction to CNC Machine Practice</td>
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<tr>
<td>MACH 0270</td>
<td>CNC Machining Practice I</td>
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<td>MACH 0271</td>
<td>CNC Programming Theory I</td>
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<td>MACH 0275</td>
<td>CAD and CAM Theory II</td>
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<td>MACH 0280</td>
<td>CAD and CAM Applications II</td>
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<td>MACH 0281</td>
<td>CNC Programming Theory II</td>
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<td>MACH 0285</td>
<td>CAD and CAM Theory III</td>
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<td>CAD and CAM Applications III</td>
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<td>TGE 0158</td>
<td>Employment Strategies</td>
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<tr>
<td>General Education courses</td>
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<tr>
<td>COMM 1101</td>
<td>Fundamentals of Oral Communication ¹</td>
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</table>

One four-credit physical science course that includes a lab and partially satisfies General Education Objective 5.

Additional General Education courses                     9

Total Credits                                            80

¹ See General Education Requirements (minimum 15 credits) for A.A.S. Degree at the start of the College of Technology section of the catalog.

² Contributes to a General Education requirement.