Machine Tool Operations
Certificate Program
NIMS Certified Program

This curriculum is designed to prepare students for employment in conventional machine shops as a machinist.

<table>
<thead>
<tr>
<th>REQUIRED COURSES</th>
<th>HOURS</th>
<th>F,S,I,SU</th>
<th>GRADE</th>
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</thead>
<tbody>
<tr>
<td>MFRG 160 Machining I</td>
<td>3</td>
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<td>ELEC 104 Industrial Safety</td>
<td>3</td>
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<tr>
<td>DRAF 162 Technology in Advanced Manufacturing</td>
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<td>DRAF 160 Machining Graphics</td>
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<tr>
<td>MFRG 161 Machining II (pre: MFRG 160)</td>
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<td>MATT 133 Technical Math I</td>
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<tr>
<td>MFRG 162 Machining III (pre: MFRG 161)</td>
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<tr>
<td>MFRG 163 Machining IV (pre: MFRG 162)</td>
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<tr>
<td>MFRG 164 Machining V (pre: MFRG 163)</td>
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<td>Communications Elective</td>
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</table>

Total 30

Enrollment in developmental classes may increase the length of time it takes to complete a certificate.

Gainful Employment:
For program costs, completion and graduate information see http://dacc.edu/aac/cguides/2014-2015.