Advanced Technical Certificate: Welder-Fitter

(2 Years)

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Required Courses:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WELD 0130</td>
<td>Safety and Leadership</td>
<td>2</td>
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Select one of the following two options.

Option one:

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>WELD 0131</td>
<td>Welding Practice I</td>
<td>12</td>
</tr>
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</table>

OR

Option two:

<table>
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<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>WELD 0131A</td>
<td>Shielded Metal Arc Welding</td>
<td>4</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WELD 0131B</td>
<td>Gas Metal Arc Welding</td>
<td>4</td>
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<tr>
<td>AND</td>
<td></td>
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</tr>
<tr>
<td>WELD 0131C</td>
<td>Flux Cored Arc Welding</td>
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**Additional courses:**

<table>
<thead>
<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>WELD 0132</td>
<td>Welding Practice II</td>
<td>12</td>
</tr>
<tr>
<td>WELD 0140</td>
<td>Welding Theory</td>
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<tr>
<td>WELD 0141</td>
<td>Mechanical Drawing</td>
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<tr>
<td>WELD 0142</td>
<td>Blueprint Reading for Welders</td>
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<tr>
<td>WELD 0143</td>
<td>Shop Math I</td>
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<tr>
<td>WELD 0231</td>
<td>Welding Practice III</td>
<td>13</td>
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<tr>
<td>WELD 0232</td>
<td>Welding Practice IV</td>
<td>13</td>
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<td>WELD 0241</td>
<td>Metal Layout</td>
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</tr>
<tr>
<td>WELD 0243</td>
<td>Shop Math II</td>
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**Total Hours**

66