# 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>
</tr>
</tbody>
</table>

Select one of the following two options.

Option one:
- WELD 0131 | Welding Practice I                       | 12      |

OR

Option two:
- WELD 0131A | Shielded Metal Arc Welding                | 4       |
  - AND
  - WELD 0131B | Gas Metal Arc Welding                     | 4       |
  - AND
  - WELD 0131C | Flux Cored Arc Welding                    | 4       |

**Additional courses:**
- WELD 0132 | Welding Practice II                      | 12      |
- WELD 0140 | Welding Theory                           | 2       |
- WELD 0141 | Mechanical Drawing                       | 2       |
- WELD 0142 | Blueprint Reading for Welders            | 2       |
- WELD 0143 | Shop Math I                              | 2       |
- WELD 0231 | Welding Practice III                     | 13      |
- WELD 0232 | Welding Practice IV                      | 13      |
- WELD 0241 | Metal Layout                             | 3       |
- WELD 0243 | Shop Math II                             | 3       |

**Total Hours**

66