# Certificate in Basic SMAW (Stick) Welding Technology

**Career Curriculum:** WEL 60  
**Minimum Hours:** 8  
**Major Code:** 1.2 480508  
**Effective Date:** Spring 2022

## FIRST YEAR – FALL SEMESTER

<table>
<thead>
<tr>
<th>Dept. No.</th>
<th>Course Title</th>
<th>Hrs.</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>IND 201</td>
<td>Metallurgy</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>WEL 120</td>
<td>OXYFUEL Welding, Cutting &amp; Brazing</td>
<td>3</td>
<td></td>
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<tr>
<td>WEL 121</td>
<td>SMAW (STICK) Plate Welding I</td>
<td>3</td>
<td>8</td>
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## NOTES AND INFORMATION

**Prerequisite:** OSHA 10-hour General Certification

The Basic SMAW (Stick) Welding Certificate Program (WEL 60) is an ICCB approved extension of the Welding Technology Associate in Applied Science Degree (WEL 2010).

**Career Opportunities:** Upon successful completion of the Welding Technology Certificate, the student will have the opportunity to enter the workforce as a welding technician. The program will prepare graduates for entry into union trades positions including boilermakers, plumbers & pipefitters, structural steel workers, rail car repair and general maintenance; small and medium job shops.

**JALC Welding Program is an educational member of:**

American Welding Society  
8669 NW 36 Street  
Suite 130  
Doral, FL 33166

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