Gain a broad foundation in consumable and non-consumable electrode welding and electronic processes. Learn industry-standard skills such as blueprint reading, metallurgy, and destructive testing.

Employment opportunities include entry-level technicians in welding and metalworking industries. Career opportunities also exist in construction, manufacturing, fabrication, sales, quality control, and welding-related self-employment.

**Types of Courses:**
- Academic Skill Building
- Welding Classroom and Shop
- Career Readiness Skills

**How to Start:**
Contact Wake Tech’s College & Career Readiness Division:

- Sue O’Neill
  919-334-1516
  smoneill@waketech.edu

- Dan Degen
  919-334-1564
  dwdegen@waketech.edu

ccr.waketech.edu
# Welding Technology Certificate (C50420B)

**Replaces Curriculum Schedule with Revision Date:** FA2013  
**Date Revised:** FA2014

## CURRICULUM BY SEMESTER

<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Class</th>
<th>Lab</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WLD 110</td>
<td>Cutting Processes</td>
<td>1</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>WLD 121</td>
<td>GMAW (MIG) FCAW/Plate</td>
<td>2</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td><strong>Spring Semester 1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WLD 115</td>
<td>SMAW Stick Plate</td>
<td>2</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>WLD 141</td>
<td>Symbols &amp; Specifications</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

**Graduation Requirement Credit Hours:** 14