## Career and Technical Education Pathway
### Program of Study

**College Name**: Forsyth Technical Community College (834)  
**Effective Term**: Spring 2012  
**Curriculum Code**: D50420P1  
**Curriculum Title**: Welding Technology (Diploma)  
**Contact Person**: Cheri Silverman  
**Email**: csilverman@forsythtech.edu  
**Phone**: (336) 734-7446  

**Created from state level approved Program of Study effective 2011FA; Cheri Silverman, PDA**

### General Education Courses

<table>
<thead>
<tr>
<th>Course Prefix/Num</th>
<th>Course Title</th>
<th>SHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 111</td>
<td>1997*02 Expository Writing</td>
<td>3</td>
</tr>
<tr>
<td>MAT 115</td>
<td>2005*02 Mathematical Models</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total SHC for General Education Courses**: 6

### Core Courses

<table>
<thead>
<tr>
<th>Course Prefix/Num</th>
<th>Course Title</th>
<th>SHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLD 110</td>
<td>1997*02 Cutting Processes</td>
<td>1</td>
</tr>
<tr>
<td>WLD 115</td>
<td>1997*02 SMAW (Stick) Plate</td>
<td>2</td>
</tr>
<tr>
<td>WLD 121</td>
<td>1997*02 GMAW (MIG) FCAW/Plate</td>
<td>2</td>
</tr>
<tr>
<td>WLD 131</td>
<td>1997*02 GTAW (TIG) Plate</td>
<td>2</td>
</tr>
<tr>
<td>WLD 141</td>
<td>1997*02 Symbols &amp; Specifications</td>
<td>2</td>
</tr>
</tbody>
</table>

**Total SHC for Core Courses**: 18

### Other Major Courses

<table>
<thead>
<tr>
<th>Course Prefix/Num</th>
<th>Course Title</th>
<th>SHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFT 119</td>
<td>1997*02 Basic CAD</td>
<td>1</td>
</tr>
<tr>
<td>WLD 116</td>
<td>1997*02 SMAW (Stick) Plate/ Pipe</td>
<td>1</td>
</tr>
<tr>
<td>WLD 143</td>
<td>1997*02 Welding Metallurgy</td>
<td>1</td>
</tr>
<tr>
<td>WLD 145</td>
<td>1997*02 Thermoplastic Welding</td>
<td>1</td>
</tr>
<tr>
<td>WLD 151</td>
<td>2009*03 Fabrication I</td>
<td>2</td>
</tr>
<tr>
<td>WLD 261</td>
<td>1997*02 Certification Practices</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total SHC for Other Major Courses**: 16

### Other Required Courses

<table>
<thead>
<tr>
<th>Course Prefix/Num</th>
<th>Course Title</th>
<th>SHC</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total SHC for Other Required Courses**: 0

**Total SHC for Program**: 40

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*By submitting and requesting approval for this Career and College Promise program of study, our college is verifying its capacity to teach all courses in the submitted program of study.*

Dr. Gary M. Green, President  
Dr. Conley F. Winebarger, VP, Instructional Services  
Dr. Susan Q. Phelps, Dean, Educational Partnerships

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Forsyth Technical Community College (834)  
November 4, 2011
Career Technical Education Pathway Program of Study (POS) Checklist
Effective Term: Spring 2012

College: Forsyth Technical Community College (834)

Program Title and Code: Welding Technology (Diploma) D50420P1

1. College already has State Board approval for the primary program. (Verify in IIPS or Catalog)
   ☑ Yes  ☐ No

2. The POS is either for a certificate or diploma (AAS programs should not be included.)
   ☑ Yes  ☐ No

3. POS is in compliance with the current curriculum standard.
   ☑ Yes  ☐ No

4. The POS contains at least 12 hours from the Core.
   ☑ Yes  ☐ No

5. If the POS is a diploma, it contains a minimum of 6 semester hours of general education (3 semester hours must be in communications).
   ☑ Yes  ☐ No  ☐ N/A

6. The POS contains specific course requirements. (i.e. no picklists)
   ☑ Yes  ☐ No

7. POS includes a statement verifying the college’s capacity to teach all courses in the POS.
   ☑ Yes  ☐ No

Disapproved on __________ by ______________
Date  Program Coordinator

Contact person was notified on __________ with the following issue(s) to be resolved:

Date

________________________________________

________________________________________

________________________________________

Approved on 12/5/11 by Frank Scuiletti
Date  Program Coordinator