

## 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](mailto:csilverman@forsythtech.edu) Phone (336) 734-7446

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

GENERAL EDUCATION COURSES (certificate general education is optional)			
Course Prefix/Num	Course Title		
<u>ENG 111</u>	<u>1997*02 Expository Writing</u>	<u>3 0 0 3</u>	SHC
<u>MAT 115</u>	<u>2005*02 Mathematical Models</u>	<u>2 2 0 3</u>	SHC
<b>Total SHC for General Education Courses:</b>		6	<b>SHC</b>
CORE COURSES			
Course Prefix/Num	Course Title		
<u>WLD 110</u>	<u>1997*02 Cutting Processes</u>	<u>1 3 0 2</u>	SHC
<u>WLD 115</u>	<u>1997*02 SMAW (Stick) Plate</u>	<u>2 9 0 5</u>	SHC
<u>WLD 121</u>	<u>1997*02 GMAW (MIG) FCAW/Plate</u>	<u>2 6 0 4</u>	SHC
<u>WLD 131</u>	<u>1997*02 GTAW (TIG) Plate</u>	<u>2 6 0 4</u>	SHC
<u>WLD 141</u>	<u>1997*02 Symbols &amp; Specifications</u>	<u>2 2 0 3</u>	SHC
<b>Total SHC for Core Courses:</b>		18	<b>SHC</b>
OTHER MAJOR COURSES			
Course Prefix/Num	Course Title		
<u>DFT 119</u>	<u>1997*02 Basic CAD</u>	<u>1 2 0 2</u>	SHC
<u>WLD 116</u>	<u>1997*02 SMAW (Stick) Plate/Pipe</u>	<u>1 9 0 4</u>	SHC
<u>WLD 143</u>	<u>1997*02 Welding Metallurgy</u>	<u>1 2 0 2</u>	SHC
<u>WLD 145</u>	<u>1997*02 Thermoplastic Welding</u>	<u>1 3 0 2</u>	SHC
<u>WLD 151</u>	<u>2009*03 Fabrication I</u>	<u>2 6 0 4</u>	SHC
<u>WLD 261</u>	<u>1997*02 Certification Practices</u>	<u>1 3 0 2</u>	SHC
<b>Total SHC for Other Major Courses:</b>		16	<b>SHC</b>
OTHER REQUIRED COURSES			
Course Prefix/Num	Course Title		
<u>N/A</u>			SHC
<b>Total SHC for Other Required Courses:</b>		0	<b>SHC</b>
<b>Total SHC for Program</b>		<b>40</b>	

*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

# NC Community College System Office Use Only

## 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

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