

## Awards

Associate Degree:	Not Applicable
Diploma:	Welding Technology (D50420)
Length of Program:	3 Semesters
Prerequisite:	High School Diploma, Placement Test Equivalent
Certificate:	Basic Welding Technology Certificate (C50420C1)
Length of Program:	2 Semesters
Prerequisite:	High School Diploma, Placement Test Equivalent
Certificate:	Basic Welding Technology Certificate (C50420H1)
Length of Program:	2 Semesters
Prerequisite:	High School Diploma, Placement Test Equivalent

## Program Information Contact

### Department Chairperson

Steven Scott  
(910) 678-8460  
Lafayette Hall, Room 148-A  
scotts@faytechcc.edu  
www.faytechcc.edu



2201 Hull Road  
P.O. Box 35236  
Fayetteville, NC 28303  
(910) 678-8400

Rev. 01/10/25

## Other Important Information

**Application Deadlines:** The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson.

**Scholarship/Title IV Financial Aid/VA Services:** Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study may or may not be eligible for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.

# WELDING TECHNOLOGY



www.faytechcc.edu

*Fayetteville Technical  
Community College*

910-678-8400  
P.O. Box 35236 • 2201 Hull Road  
Fayetteville, NC 28303

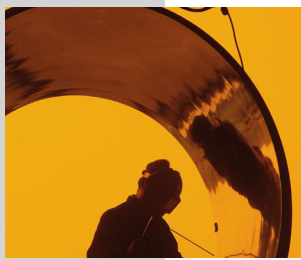
An Equal Opportunity Employer

## PROGRAM FACT SHEET WELDING TECHNOLOGY (D50420)



The Welding Technology curriculum provides students with a sound understanding of the science, technology and applications essential for successful employment in the welding and metal industry.

Instruction includes consumable and non-consumable electrode welding and cutting processes. Courses in math, blueprint reading, metallurgy, welding inspection, and destructive and non-destructive testing provide the student with industry-standard skills developed through classroom training and practical application.



Successful graduates of the Welding Technology curriculum may be employed as entry-level technicians in welding and metalworking industries. Career opportunities also exist

in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.

## FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE WELDING TECHNOLOGY (D50420)

Effective: Fall 2025

Revised: 01/10/25

Length: 3 Semesters

Prerequisite: High School Diploma, Placement Test Equivalent

Award: Diploma

### FALL SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
ACA	120	Career Assessment	1	0	0	1
PSY	118	Interpersonal Psychology	3	0	0	3
WLD	110	Cutting Processes	1	3	0	2
WLD	115	SMAW (Stick) Plate	2	9	0	5
WLD	131	GTAW (Tig) Plate	2	6	0	4
WLD	141	Symbols & Specifications	2	2	0	3
<b>TOTALS</b>			<b>10</b>	<b>18</b>	<b>0</b>	<b>18</b>

### SPRING SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
CIS	113	Computer Basics	0	2	0	1
*ENG	101	Applied Communications I	3	0	0	3
or						
ENG	111	Writing and Inquiry	3	0	0	3
WLD	116	SMAW (Stick) Plate/Pipe	1	9	0	4
WLD	121	GMAW (Mig) FCAW/Plate	2	6	0	4
WLD	132	GTAW (Tig) Plate/Pipe	1	6	0	3
<b>TOTALS</b>			<b>8</b>	<b>21</b>	<b>0</b>	<b>15</b>

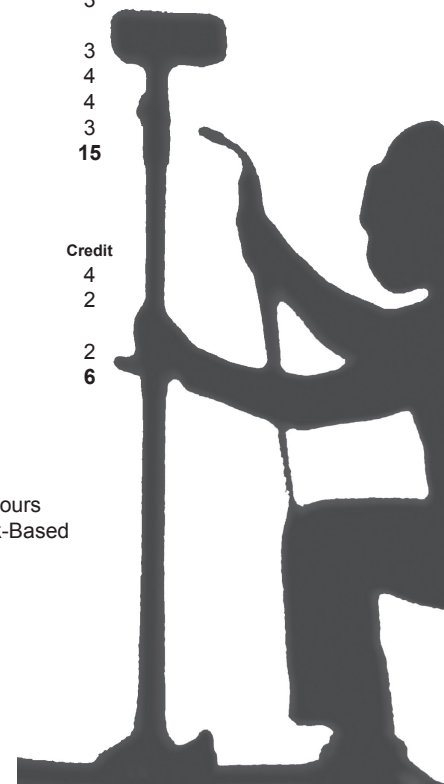
### SUMMER SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
WLD	151	Fabrication I	2	6	0	4
WLD	261	Certification Practices	1	3	0	2
or						
WBL	112	Work-Based Learning I	0	0	20	2
<b>TOTALS</b>			<b>3</b>	<b>9</b>	<b>0</b>	<b>6</b>

**TOTAL REQUIRED CREDITS.....39**

**Work-Based Learning Option:** Qualified students may elect to take up to two (2) credit hours of Work-Based Learning in lieu of WLD-261 provided they acquire approval from the Work-Based Learning Coordinator and the Department Chairperson.

**\*ENG-101 will not transfer to Associate Degree Program.**



Refer to the FTCC website for the most current information. Go to [www.faytechcc.edu](http://www.faytechcc.edu) and click on College Catalog.