



Welding (WDT) Dual Enrollment Rotation Pickens County College and Career

10th Grade FALL

- ☐ WKO 110 - NCCER
- ☐ WDT 108 - SMAW Fillet/OFC *

SPRING

- ☐ WDT 122 - SMAW Fillet/OFC Lab *
- ☐ WDT 119 - GMAW/FCAW Theory **

SUMMER

- ☐ WDT 124 - GMAW/FCAW Lab **
- ☐ WDT 125 - SMAW Groove Lab **
- ☐ WDT 218- Certification ***

11th Grade FALL

- ☐ WDT 109 - SMAW Fillet/PAC/CAC *
- ☐ WDT 123 - SMAW Fillet/PAC/CAC Lab *

SPRING

- ☐ WDT 120 - SMAW Groove Theory **
- ☐ WDT 157- Consumable Processes**

SUMMER

- ☐ WDT 257- SMAW Carbon Pipe Lab ***
- ☐ WDT 229 -Boilertube ***
- ☐ WDT 258- Certification Lab ***

FALL

12th Grade

SPRING

- ☐ PFT 101 - Intro to Pipefitting ****
- ☐ PFT 105 - Intro to Pipefitting Blueprints ****

- ☐ PFT 107 Threaded Pipe an Socket Weld Fab *****
- ☐ PFT 109 Butt Weld Pipe Fitting and Rigging *****

****ORI 107 - ONLINE**

Awards

SMAW Welding Technology STC *
GMAW/FCAW Welding STC **
Pipe Welding STC ***
Pipe Fitting STC ****

Certification

SMAW - AWS D1, Structural Steel Certifications
Vertical - Overhead- Horizontal - Flat
GMAW/FCAW - AWS D1, Structural Steel
Vertical-Overhead-Horizontal-Flat
ASME Boiler-tube/Pressure Vessel - 6G



Welding Technology

Program

Welding Technology

Degree Type

AAS Degree

Location

All Locations

Orientation

Item #	Title	Credits
ORI 107	STUDENT SURVIVAL SKILLS	1

Field of Study Courses

Item #	Title	Credits
WDT 108	SMAW FILLET/OFC	3
WDT 109	SMAW FILLET/PAC/CAC	3
WDT 119	GAS METAL ARC/FLUX CORED ARC WELDING	3
WDT 120	SHIELDED METAL ARC WELDING GROOVE	3
WDT 122	SMAW FILLET/OFC LAB	3
WDT 123	SMAW FILLET/PAC/CAC LAB	3
WDT 124	GAS METAL ARC/FLUX CORED ARC WELDING LAB	3
WDT 125	SHIELDED METAL ARC WELDING GROOVE LAB	3
WDT 157	CONSUMABLE WELDING PROCESSES	3
WDT 218	CERTIFICATION	3
WDT 229	BOILER TUBE	3
WDT 257	SMAW CARBON PIPE LAB	3
WDT 258	CERTIFICATION LAB	3
WDT 110	INDUSTRIAL BLUE PRINT READING	3

Field of Study Electives

Choose one of the following.

Item #	Title	Credits
DDT 104	BASIC COMPUTER AIDED DRAFTING AND DESIGN	3
WKO 110	NCCER CORE	3
WDT 221	PIPEFITTING AND FABRICATION	3
WDT 160	ROBOTICS LAB I	3
ILT 139	INTRODUCTION TO ROBOTIC PROGRAMMING	3

1

BSCC 2024-25 Catalog

General Education Courses

Item #	Title	Credits
ENG 101	ENGLISH COMPOSITION I	3
MUS 101	Humanities/Fine Arts Elective	3
	MTH 116 or Higher	3
US HIS 201	History or Social/Behavioral Science Elective	3
BIO 103	Natural Science/Math Elective	3 -4
	Total Credits	61-62