

ARC Welding Technology, STC

The ARC Welding short term certificate (STC) program is designed to establish welding skills necessary for entry-level job placement and to enhance the skills of experienced welders in various arc welding processes used by industry. The program also provides AWS welder certification options upon successful completion of the program. The student will be able to make quality welds, layout and fabricate various pipe connections, perform repair work, and have knowledge of welding codes and blueprint reading. Courses in this program are carefully articulated with the Welding Technology Certificate Program, allowing students to move on without repeating course work. The STC provides the necessary educational background and practical training to help students acquire the knowledge, skills and abilities needed to prepare for successful entry-level employment in the welding profession.

Program: [Welding Technology](#)

Type: Short Certificate

Area V: Required Field of Concentration Courses

Item #	Title	Credits
WDT 107	Smaw Fillet/OFC/PAC/CAC	3
WDT 110	Industrial Blueprint Reading	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
Total credits:		24

Course Sequencing

ARC Welding STC Suggested Course Sequence First Semester

Item #	Title	Credits
WDT 107	Smaw Fillet/OFC/PAC/CAC	3
WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
WDT 122	Smaw Fillet/OFC Lab	3
WDT 123	Smaw Fillet/PAC/CAC/Lab	3

ARC Welding STC Suggested Course Sequence Second Semester

Item #	Title	Credits
WDT 110	Industrial Blueprint Reading	3
WDT 120	Shielded Metal Arc Welding Groove	3
WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
WDT 125	Shielded Metal Arc Welding Groove Lab	3

Upon successful completion of all courses students are:

- Eligible for AWS Certification Test
- Eligible for Stackable STC Basic Welding Fundamentals
- Eligible for Stackable STC ARC Welding Technologies