

Careers in Trades and Apprenticeships

Welding Technology

Certificate Program

The Welding Technology Certificate Program is designed to train individuals for employment in the welding technology industry and provides a path toward completion of an associate's degree.

Students have the opportunity to become certified welders using American Welding Society's (AWS) codes and standards and are eligible to take the AWS D1.1 and D1.5 Certification Test. Increasingly, most welding jobs now require welders be certified. Students in the Welding Technology Certificate Program acquire skills in:

- Utilize safety procedures and theory of Shielded Metal Arc Welding Processes
- Utilize multi-layered welds in different weld joints and weld positions
- Operate oxy-fuel cutting and brazing equipment safely
- Identify and interpret blueprints and basic weld (AWS) symbols
- Demonstrate Gas Metal Arc Welding, Gas Tungsten Arc Welding, Flux Core Arc Welding processes and the safety and setup procedures for metals, i.e., aluminum, stainless steel, and carbon steel



Employment prospects for those entering the field continue to be strong. The U.S. Department of Labor, Bureau of Labor Statistics lists more than 125 occupations related to the welding and joining processes.

Certificate Requirements

Course		Credits
WLD-101	Welding Fundamentals	3
WLD-102	Advanced Welding	3
WLD-107	Blueprint Reading for Welders	3
WLD-222	Preparation for Welding Certification	3
WLD-223	MIG and TIG Processes	3
WLD-224	Brazing and Welding	3

Minimum credits required to graduate 18

For more information on the Welding Technology Certificate Program or to pre-register for the program, call the Keystone Community Education Council at (814) 677-4427.

Class size is limited. Call to reserve your seat today for this exciting program.

The Welding Technology Certificate Program is being offered through a partnership with Keystone Community Education Council, Community College of Allegheny County and your local Career and Technical Center.

