

# Community College of Allegheny County

## Welding Technology Certificate Program

January 15, 2018 – May 24, 2018

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:

- Utilizing safety procedures and theory of Shielded Metal Arc Welding Processes
- Utilizing multi-layered welds in different weld joints and weld positions
- Operating oxy-fuel cutting and brazing equipment safety
- Identifying and interpreting blueprints and basic weld (AWS) symbols
- Demonstrating 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.



### 1<sup>ST</sup> Semester

	Credits
WLD101: Welding Fundamentals	3
WLD102: Advanced Welding	3
WLD107: Blueprint Reading for Welders	3
WLD201: Preparation for Weld Certification	3
WLD202: MIG and TIG Processes	3
WLD221: Brazing and Welding	3

**Minimum credits required to graduate 18**

### Eligible for PELL and PHEAA Funding

Classes will run Mondays, Tuesdays, and Wednesdays from 3-7:30 PM at the Venango Technology Center, 1 Vo-tech Dr., Oil City, PA.

Class size is limited. To register or for questions, please call the Keystone Community Education Council at 814-677-4427.



The Welding Technology Certificate Program is being offered through a partnership with the Keystone Community Education Council, your local technical center and the Community College of Allegheny County