

Manufacturing Cluster



The Welding Technology program is designed to prepare students to perform welding tasks under the supervision of an experienced certified welders. Students learn GMAW, GTAW, SMAW, FCAW, cutting, and torch welding.

Period Duration & Grade Level

Welding Technology is a two (2) year program.

Grade levels: 10, 11, 12 Level 1: AM session Level 2: PM session

Certifications

Upon completion of this two year program, students may earn the following certifications:

- AWS D1.1
- OSHA-10 Safety Training

Job Skills & Requirements

- Cope with work environment that is hot, has flashing sparks, and metal fumes.
- Ability to follow safety rules and willing to wear protective gear at all times
- Strong ability to read and interpret engineering drawings and blueprints.
- Extensive knowledge of various welding techniques, including TIG welding, oxy-fuel welding, and arc welding.
- Oral and written communication skills are important to communicate with customers.

Cost to Student

Students pay approximately \$150 for a welding hood, jacket, gloves, and tool kit. (fee subject to change)

Estimated Pay

Estimated pay salaries for a person in the Welding Technology Field

Job Description	Hourly Mean Wage	Estimated Annual Mean Wage
Tool Grinders, Filers, and Sharpeners	\$15.06	\$31,330
Welding, Soldering, and Brazing Workers	\$19.53	\$86,050
Sheet Metal Workers	\$22.08	\$45,930
Structural Iron and Steel Workers	\$23.75	\$49,400
Pipelayers, Plumbers, Pipefitters, and Steamfitters	\$25.38	\$52,800
Boilermakers	\$27.43	\$57,060