

Welding & Fabrication

AN EPIC OPPORTUNITY



“Welding is sometimes considered a lost or archaic art; it is anything but. The tremendous amount of activity in oil and gas has added to the already high demand for skilled welders, and our graduates are meeting that need in a big way.”

Deanna Duché, CWE/CWI, Director of Welding Education, Zane State College

CERTIFICATIONS

Graduates of the Welding & Fabrication program can become certified through standardized tests that are administered on campus.

These tests determine the welder's skill and ability through a variety of welding processes, types and thicknesses of metal, joint design, position, and more.

Certifications are given by several organizations, including the American Welding Society (AWS), the American Society of Mechanical Engineers (ASME), and the American Petroleum Institute (API). Each organization has a unique test that is administered to applicants.

Zane State College offers this testing to welders with or without course completion.

Opportunities for workers skilled in welding and fabrication abound, particularly in light of the booming oil and gas industry. Zane State College is preparing workers to fill that need by offering two programs in welding and fabrication: a two-year Associate of Technical Studies degree program and a one-year certification program.

Welding & Fabrication students are required to work toward an Occupational Safety and Health Association (OSHA) 30-hour safety card. This OSHA designation certifies that the graduate is knowledgeable in identifying, reducing and eliminating hazards associated with their work.

Students read blueprints, work with AutoCAD, and gain experience in (CNC) Plasma Cutting. During the second year, students use their welding and cutting skills and their blueprint reading knowledge to design and build a project of their own.



W&F
Coursework and Fieldwork

One-year certificate courses include:

- Introduction to computers
- Engineering graphics
- Introduction to welding safety & cutting processes
- Basic SMAW I & II
- SMAW (MIG)/FCAW
- Welding symbols & computer applications

Students who wish to pursue an associate degree in Welding & Fabrication add the following courses to their curriculum:

- Industrial math
- Environmental science
- Fabrication
- Industrial health & safety



Cody Parker is pursuing an associate degree in Welding & Fabrication. As an intern at Producers Service Corporation, Parker gets hands-on experience such as this welding project.



Zanesville Campus
1555 Newark Rd
Zanesville, OH 43701

Cambridge Campus
9900 Brick Church Road
Cambridge, OH 43725

[Click here for the Welding and Fabrication Course of Study](#)