

If you are looking for a career in Welding the training below may be of interest to you.

1. Organization providing the training:

Wor-Wic Community College
Continuing Education & Workforce Development
Skilled Trades division

2. Physical location training occurs:

Wor-Wic Community College
Guerrieri Technology Center
GTC-108 Welding Shop

3. Description of the training offered:

The Welding (SMAW, FCAW, GMAW & GTAW) course runs Monday through Friday from 8:00 a.m. to 12:00 p.m., totaling 372 hours over 19 weeks.

Students begin by gaining the knowledge needed to work safely according to industry standards, with a focus on identifying and avoiding potential hazards. Through a combination of instruction, discussion, demonstration, and hands-on practice, they build proficiency in blueprint reading, measuring, the use of hand and power tools, and various welding techniques including Stick, MIG, Flux-Core, and TIG set-ups, processes, and cleanup.

Students also learn to set up and use an oxy-fuel system for cutting steel and are introduced to the fundamentals of thermal cutting processes. They develop skills in preparing base metals using power tools, and gain accuracy in using measuring devices and fit-up tools.

The course covers AWS (American Welding Society) classifications of electrodes, various welding procedures, filler metal limitations, proper polarity, and current requirements. Concepts discussed are reinforced through practical application.

As part of a CEWD-supported welding program, students are trained to identify common weld discontinuities and defects, inspect work according to industry standards outlined in the AWS D1.1 Structural Welding Code, and understand the components of a Welder Procedure Specification.

Skill mastery is demonstrated through verbal explanations, written assessments, hands-on welding booth work, a final exam, and a destructive bend test. Students can earn up to 12 welding qualifications in alignment with the AWS D1.1 Code. At the end of each cohort, diplomas and Welder Qualification Records are awarded to those who have earned certifications.

4. Trainees have the opportunity to earn the following industry-recognized certifications:

Shielded Metal Arc Welding (SMAW) in 2G (horizontal groove), 3G (vertical groove), and 4G (overhead groove) positions,

Flux-Core Arc Welding (FCAW) in 2G (horizontal groove), 3G (vertical groove), and 4G (overhead groove) positions,

Gas Metal Arc Welding (GMAW) in 2G (horizontal groove), 3G (vertical groove), and 4G (overhead groove) positions, and

Gas Tungsten Arc Welding (GTAW) in 2G (horizontal groove), 3G (vertical groove), and 4G (overhead groove) positions.

Up to 12 total welding qualifications may be earned.

5. Am I eligible?

Apply here: <https://easternshorejobs.com/>

6. What is the application process?

Apply through Wor-Wic partner: Quality Staffing Services (QSS) in Salisbury, MD: <https://easternshorejobs.com/>. QSS accepts applications and conducts initial intake of information and documents on Wor-Wic's behalf.

7. How much can I expect to earn if I complete this program and obtain employment?

Starting pay is between \$22-\$24 hour.

8. How much do I have to pay for this program?

~\$100-\$150 for PPE only per selected student. The EARN Welding grant covers instruction, books, consumables, weld tests, and other costs.

9. Where can I find more information about this program?

Check out the Wor-Wic CEWD Skilled Trades website for more information-

<https://www.worwic.edu/programs-courses/non-credit-courses/skilled-trades-manufacturing/welding-machin-ing-metal-fabrication/>