

Welding Technology

Instructors: Michael Johnson

Location: Gurley Hall 1328 – morning session

Career Cluster: Architecture & Construction and Manufacturing

Program Overview:

Students will receive training on a variety of welding machines. They will learn the proper methods for welding different types of materials – aluminum, mild steel, cast iron, and stainless steel. These skills can be used in different trades such as automotive technology, plumbing, general maintenance, and construction. Student can earn an industry-recognized credential – OSHA 10 – as well as certifications through the American Welding Society (AWS).

Academic Readiness:

- The student must possess the ability to complete basic mathematical computations, including fractions and measurements.
- It is desired that the student be able to read at a 10th grade level.
- It is desired that the student possesses basic computer keyboard knowledge and skills.

Considerations:

- Students must receive instruction and undergo safety testing prior to entering the shop/lab environment.
- Enrolling students are making a commitment for two semesters. There may be openings for the spring semester for those students with welding experience.
- Student have the opportunity to earn OSHA 10, an industry-recognized credential.

Anticipated Course Offerings:

- Fall semester
 - WLDT 105 - Arc Welding I
 - WLDT 130 - Pipe Welding
- Spring semester
 - WLDT 101 - Welding Blueprint Reading
 - WLDT 141 - MIG & TIG Welding

UNMG Programs of Study

- Certificate in Welding Technology
- Associate of Applied Science in Welding Technology