WELDING

Course Description

Welders use welding equipment to join metal parts or fill holes, indentions, or seams in metal products. Anything made of metal can be welded: cars, trucks, aircraft, skyscrapers, bridges, pipes, sculptures, and more. The basic skills of welding are the same across industries, so the more you know how to do, the easier it is to shift to other types of work. Note: An associate degree program in Industrial and Manufacturing Technology from the College of Engineering is available to students after graduating from the Welding certificate program.

College Courses

Year 1 Students

- WELD 1010 – Welding Principles
- WELD 1260 – Shielded Metal Arc Welding
- WELD 1160 – Gas Metal Arc Welding
- WELD 1310 – Metallurgy

Total Credits: 14

Year 2 Students

- WELD 1110 – Cutting and Oxy-fuel Welding
- COM 1010 – Composition and Critical Thinking
- WELD 1210 – Gas Tungsten Arc Welding
- WELD 2960 - Welding Certification I and II SMAW and GMAW Processes

Total Credits: 13

This program is an AWS certified program.

JOB OPPORTUNITIES

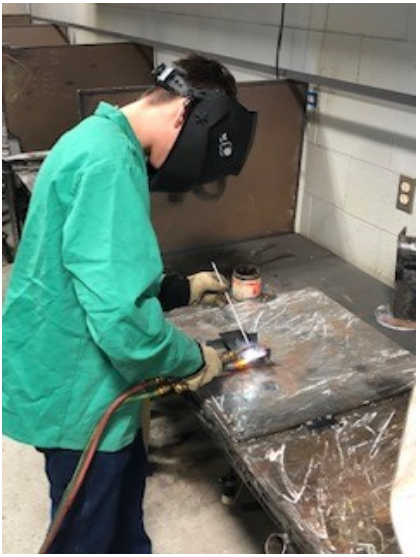
- Brazer
- Solderer
- Welder
- Cutter

Annual Salary

$27,000 to $62,000 per year for most Welders

Median is $35,680 per year

Source: careercruising.com



Program Prerequisites

Students must have completed the 10th grade of high school and have a minimum 2.5 GPA. Year 2 students must be in good academic standing to enroll.

High School/College Credits

Students who successfully complete the Welding program will earn high school credit and will also have the opportunity to earn college credit.

CTE

Baker College