

## Welding 1: Introduction to Welding

### 32 Hours

Welding I: Introduction to Welding is a course that will introduce students to the basic process of welding. It will start by giving a brief history about welding, how it was developed, and where welding is used today. It will also cover occupational opportunities along with the employment outlook for the future.

Students successfully completing the Welding I; Introduction to Welding Course, will understand the following topics and how they are properly implemented in their occupational environment. Students will cover the welding processes:

- Oxyfuel Welding, Arc Welding, and Resistance Welding
- Welding safety will be broken down into several different areas: Job site safety, Safe equipment operation, Protective equipment, Hazardous substance, Cutting safety, Preventing fires, and Types of fires
- Joint Design, Weld Types, and Welding Terminology & Symbols
- OAW/Oxyacetylene Welding, specifically focusing on equipment, set-up, and operation
- SMAW/Shielded Metal Arc Welding, specifically focusing on equipment, striking an arc, and SMAW-Flat position
- GMAW/Gas Metal Arc Welding, specifically focusing on equipment
- Cutting Operations

*Classes will be held on Tuesdays & Thursdays from 4:30 p.m. to 8:30 p.m. in the Jeff Tech Welding Classroom*

**Course Number:** 106

**Course Length:** 32 hours

**Course & Supply Costs:** \$425.00

**Class Dates:** TBA

**CLICK HERE REGISTER AND PAY ONLINE**

Classes are filled on a first come first serve basis.

Please contact the Adult Education Office by phone at 814-201-9837 or email to [mnbundy@jefftech.edu](mailto:mnbundy@jefftech.edu) for additional information.

As always, Thank you for choosing Jeff Tech!