

Welding 1: Introduction to Welding

40 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 5:00 p.m. to 9:00 p.m. in the Jeff Tech Welding Classroom

Course Number: 106

Course Length: 40 hours

Course & Supply Costs: \$400.00

Class Dates: Fall 2019

You can register and pay for the class using a credit card online with the Online Registration and Payment system or, for those individuals that do not wish to pay online should open, print and complete the Evening School Application and submit the application and payment to Jeff Tech via US mail or in person at the school office. Classes are filled on a first come first serve basis.

[CLICK HERE REGISTER AND PAY ONLINE](#)

Please contact the Adult Education Office by phone at 814-201-9837 or email to mnbundy@jefftech.us for additional information.

As always, Thank you for choosing Jeff Tech!