

## Welding 2: Intermediate Welding

### 40 Hours

Welding II: Intermediate Welding is a course set-up with a hands-on approach to welding and is designed for students with some welding background. Welding II; Intermediate Welding will allow students to practice and learn basic skills in OAW, (Oxyacetylene Welding) including different positions (Flat, Horizontal, Vertical and Overhead). It will also cover such topics as carrying a weld pool, adding filler metal and working with different materials such as cast iron, aluminium and steel. It will also demonstrate working with different types of joints.

Welding II: Intermediate Welding also covers SMAW (Shielded Metal Arc Welding) in relation to selecting electrodes, conserving and storing electrodes, classification, special electrodes and the different welding positions. The course will finish by working with GMAW (Gas Metal Arc Welding), GTAW (Gas Tungsten Arc Welding) covering proper procedures and different applications.

At the end of Welding II: Intermediate Welding, students will be able to demonstrate theory knowledge and welding skills in the following areas:

- OAW- Flat Position
- OAW- Horizontal, Vertical and Overhead Welding Positions
- SMAW- (Stick Welding) Selecting Electrodes
- SMAW- Flat Position
- SMAW- Horizontal and Vertical Position
- GMAW- (MIG Welding) Procedures and Applications
- GTAW- (TIG Welding) Procedure and Applications

*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:** 157

**Course Length:** 40 hours

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

**Class Dates:** TBD

**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!