

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: \$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!