



**Welding for AWS D1.1 Certification**  
TI124

Hours:    In Class 42                    Clinical                    Total 42

**Description**

This class is designed to prepare experienced welders for certification in AWS code D1.1(structural). While some theory is included, the course content is predominately hands-on. The D1.1 certification test will be simulated in the classroom, however, fees for the actual certification test are not included in the tuition.

**Prerequisites**

Must have 250 hours practical welding experience or, already certified to another AWS code, or completion of Welding, Basic course (ti110).

**Required Supplies/Materials**

Welding Helmet

- Safety Glasses
- Welding Gloves
- Welding Cap
- Leather Boots/Shoes
- Welding Shirt/Long Sleeves
- Appropriate Welding Pants
- Face Shield (optional)
- 10-14" Half Round File
- Small Grinder w/Wheels and Brushes
- Chipping Hammer
- Hand Wire Brush

**Learning Objectives**

competently address the welding procedure and demonstrate performance qualification for D1.1 structural certification

**Teaching Philosophy**

We believe that instructors, staff, and administrators have a shared responsibility to provide: 1) innovative course design and instruction; 2) a safe, learner-centered environment; and 3) an authentic learning experience.

**Student Responsibilities**

To ensure a quality and safe learning environment, students are required to follow the Post-Secondary Student Behavior policy #560. This policy can be found at [www.mntc.edu/board-policies](http://www.mntc.edu/board-policies). Printed copies are available upon request.