

**Course Title:** INT-206 AWS Welding Certification Preparation

**Course Instructor(s):** Jonas Smith

**Programs:** Industrial Technology and Welding Letter of Recognition

### **Expected Learning Outcomes**

On successful completion of this course, students should be able to:

- Pass a simulated AWS D1.1 test proctored by the Instructor or
- Pass the national AWS D1.1 test or equivalent

### **Assessment**

Assessments will include:

Instructor performing visual examinations of weld coupons, Simulated AWS D1.1 test or actual AWS D1.1 exam.

### **Validation**

1. Obtained by students showing the ability of the student to gain certification in the welding industrial.
2. Measure the student success rate on an annual basis.
3. Consult Advisory Committee participants as to performance hired students based on ability and knowledge gained.

### **Results**

The results of the testing and final examination will show the level of retention of the subject matter.

The results of the practice exercises and assignments will show the ability of the student to transfer textbook information to hands-on applications.

The results of the Advisory Committee input will allow us to place a rate of success in our database for ongoing improvement to the course and advise us of changes in technology and industry standards.

**Follow-up**

The data will be evaluated to improve teaching techniques

The data will be evaluated to help us remain up to date with technology changes.

**Budget Justification**

Update textbook to include changes in technology

Update classroom equipment to keep pace with changes in technology