Industry Recognized Credential Transfer Assurance Guide: ITWLD001 Basic and Advanced Shielded Metal Arc Welding (SMAW)

July 7, 2023

Industry Recognized Credential Transfer Assurance Guides (ITAGs) are a statewide transfer initiative that guarantees the award of college-level credit to students earning agreed-upon, industry recognized credentials. Students meeting credentialing requirements, regardless of where the learning was achieved, will be eligible to earn credit for specified courses deemed equivalent to the stated industry recognized credential listed on the ITAG document. Students can obtain credit at an Ohio public community college or university that offers an equivalent course or program.

Required Credential(s)

Credential Name(s): AWS D1.1 1" Plate 3G and 4G SMAW Certifications or Qualifications

Credential Issuer: American Welding Society (AWS) or other Qualification Testing Facility

Exam(s): AWS D1.1 Structural Welding Code 3G Plate Test and AWS D1.1 Structural Welding Code 4G Plate Test

Additional Requirements for Credit: Students must hold both AWS D1.1 1" Plate 3G and 4G SMAW certifications/qualifications to qualify for credit.

Credit Access and Verification

1. Use this search tool to see which colleges offer equivalent courses for your credential, along with other types of transfer courses or military experience.

2. Provide the Office of Admissions or the Registrar at your college of interest with proof of your credential. Contact that office to ask how to provide this proof of your credential. You should provide an up-to-date continuity record or wallet card to the college. The document must be obtained from an employer, Qualification Testing Facility, Accredited Test Facility, or the American Welding Society.

Course Information (This information is generalized. Each college's course(s) may have different names and descriptions.)

Course Name: ITWLD001 Basic and Advanced Shielded Metal Arc Welding (SMAW)

Credit Hours: 4-6

Course Description: These courses cover introductory and advanced welding concepts of design, set-up, trouble shooting, and the techniques to produce acceptable fillet and groove welds. Focus is on flat, horizontal, vertical, and overhead positions required to pass a 3G and 4G welder Certification or Qualification test using the SMAW process.