

AMERICAN WELDING ACADEMY

PROFESSIONAL *FABRICATION* WELDING & FITTING COURSE

3 Progress Parkway, Union, MO 63084 | info@awaweld.com | 636-800-9353

COURSE DURATION

12 weeks (40 hours per week)
Total of 480 course hours

COURSE DESCRIPTION

This course is designed to provide students the skills necessary to pursue a career in advanced manufacturing and the capabilities to construct small and large scale projects.

QUALIFICATIONS OFFERED

- AWS D9.1 sheet metal/AWS D1.1
- SMAW 3G E-7018 w/backing
- Carbon GTAW ER 70s-6 10-18GA
- Stainless GTAW ER3XX 10-18GA
- Carbon GMAW-S ER70s-6 10-18GA

WHY CHOOSE AWA?

- Student to Instructor Ratio 16:1
- Certified Welding Inspector on site
- Instructors with years of field experience who currently hold multiple AWS/ASME certifications. True masters of their craft.
- Opportunity to earn AWS/ASME welder qualifications prior to program completion.
- State of the art welding training facility
- Competitive tuition pricing
- Located close to several major cities

CURRICULUM BREAKDOWN

- Safety and OSHA 10 Training
- Oxy-Fuel Cutting Applications
- CAG (Carbon Arc Gouging)
- Plasma Arc Cutting
- Material Preparation – Shearing, Forming, and Roll Forming
- Weld Surface Preparation
- Intro to Shielded Metal Arc Welding/Setup
- SMAW – 6010/7018 Pad Beads, T-joints Flat, Horz, Vert, O.H.
- GMAW – Pad beads, Lap joints, Outside corner joints on 3/16” and 11GA. Using short circuit, spray, and pulsed transfers in Flat, Horz, Vert, O.H.
- SMAW – 3G w/backing plate qualifications
- FCAW – Pad beads and T-joints in Flat, Horz, Vert, O.H. – 2F, 3F
- GTAW – Pad beads on carbon, stainless, and Aluminum in Flat, Horz, Vert, O.H.
- Laps, T’s, and Outside corner joints in Flat, Horz, Vert, O.H. on 11GA, 14GA, 20GA
- Carbon, stainless and aluminum welds included in welding qualifications
- Post-Weld Preparation – Grinding, Sanding, Blending and Polishing
- Training in: Trade Math, Weld Symbols, Blue-Print Reading, Isometric Drawings. Along with Weld Quality & Inspection
- Job Prep/Resume Building/Financial

HOW TO ENROLL

Enrollment forms are available through the website or an AWA representative. A completed enrollment form and a \$100 (non-refundable after 3 business days) registration fee is all you need to reserve your spot now. Hurry and get YOUR spot today before classes fill up!