

AMERICAN WELDING ACADEMY

PROFESSIONAL PIPE WELDING & FITTING COURSE

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

COURSE DURATION

24 weeks (40 hours per week)

Total of 960 course hours

COURSE DESCRIPTION

This course is designed to provide students the skills necessary to pursue a career in pipe welding and fitting trades.

QUALIFICATIONS OFFERED

- ★ SMAW AWS D1.1 E-7018 3G w/backing Plate
- ★ SMAW AWS D1.1 E-7018 4G w/backing Plate
- ★ SMAW ASME Sec IX E-6010/E-7018 3G Plate
- ★ SMAW ASME Sec IX E-6010/E-7018 6G Plate
- ★ GTAW/SMAW ASME Sec IX ER 70s-2/E-7018 Tig root/stick out 6G Pipe
- ★ GTAW ASME Sec IX ER 70s-2 Tig all the way out 6G Pipe
- ★ GTAW ASME Sec IX Stainless E-308L 6G Pipe
- ★ GTAW AWS D9.1 Carbon Flat, Horz, Vert, O.H.
- ★ GTAW AWS D9.1 Stainless Flat, Horz, Vert, O.H.
- ★ GTAW AWS D9.1 Aluminum Flat, Horz, Vert, O.H.

CURRICULUM BREAKDOWN

- ★ Safety and OSHA 10 Training
- ★ Oxy-Fuel Cutting Applications
- ★ CAG (Carbon Arc Gouging)
- ★ Plasma Arc Cutting
- ★ Material Preparation
- ★ Intro to Shielded Metal Arc Welding/Setup
- ★ E-6010/E-7018/E-7024 Plate (AWS)
- ★ E-7018 Fillets 2F,3F,4F (AWS)
- ★ Groove Plates w/Backing 7018 (AWS)
- ★ E-6010/E-7018 Open Root Plate (ASME)
- ★ GMAW/FCAW Plate and Fillets (ASME)
- ★ 6" sch 40 E-6010/E-7018 Pipe - 2G, 5G, 6G (ASME)
- ★ 6" sch 40 GTAW root/hot SMAW Fill and Cap Pipe - 2G, 5G, 6G (ASME)
- ★ 6" sch 40 GTAW Pipe - 2G, 5G, 6G (ASME)
- ★ 6" sch 80 GTAW Pipe- 2G, 5G, 6G (ASME)
- ★ 2" sch 80 GTAW/E-7018 Pipe - 2G, 5G, 6G (ASME)
- ★ 2" sch 80 GTAW Pipe - 2G, 5G, 6G (ASME)
- ★ 2" Heavy Wall SMAW/GTAW combo E-309 Pipe - 2G, 5G, 6G (ASME)
- ★ 2" sch 40 Stainless GTAW Pipe - 2G, 5G, 6G (ASME)
- ★ API (Pipeline) 5G Downhill, Butt and Branch Test
- ★ Added based on student progression includes but not limited to- Boiler Water Wall, 4 post limited Jig training, Limited Access Welding Simulator Training, Pipe Rack Training & Monster Coupon Training.
- ★ Training in: Trade Math, Weld Symbols, Blue-Print Reading, Isometric Drawings. Along with Weld Quality & Inspection
- ★ Job Prep/Resume Building/Financial

WHY CHOOSE AWA?

- ★ Student to Instructor ratio of 16:1.
- ★ Certified Welding Inspector on site.
- ★ Instructor's 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.

HOW TO ENROLL

Enrollment forms are available through the website or an AWA representative. A completed enrollment form and a \$100 deposit is all you need to reserve your spot now. Hurry and get YOUR spot today before classes fill up!