Continuing Education

Training available for the following process

- **(WLDG 1021) Into to Welding Fundamentals**

Course Description: An introduction to the fundamentals of equipment used in oxy-fuel and arc welding, including welding and cutting safety, basic oxy-fuel welding and cutting, basic arc welding processes and basic metallurgy. Shield Metal Arc Welding (SMAW)

- (WLDG 1035) **Intro to Pipe Welding**

Prereq. WLDG 1021

Course Description: An introduction to welding of pipe using the shielded metal arc welding process (SMAW), including electrode selection, equipment setup, and safe shop practices. Emphasis on weld positions 1G and 2G using various electrodes.

- (WLDG 1030) **Intro to Gas Metal Arc Welding**

Course Description: Principles of gas metal arc welding, setup and use of Gas Metal Arc Welding (GMAW) equipment, and safe use of tools/equipment. Instruction in various joint designs. Gas Metal Arc Welding (GMAW) - Aluminum

- (WLDG 1012) **Intro to Flux Cored Arc Welding**

Course Description: An overview of terminology, safety procedures, and equipment set-up. Practice in performing T-joints, lap joints, and butt joints using self-shielded and gas-shielded electrodes. Intro to Flux Cored Arc Welding (FCAW)

- (WLDG 2051) **Advanced Gas Tungsten Arc Welding**

Prereq. (WLDG 1035) Intro to Pipe: or have previous pipe welding experience.

Course Description: Advanced topics in GTAW welding, including welding in various positions and directions on pipe.

Cost: $625

Please note: Cost is subject to change

One to one training for specific process; available upon request.

Courses are for ten weeks; 80 hours Monday – Tuesday from 6-10PM

Cost $575

8 Hour Training $150

Students must meet with instructor prior to registration.

Cost is subject to change

Required Tools – Description:

- **Clear safety glasses with side shields**
- **Dark shield shade 5 Part # 4199-IR (9 ¼" x 19")**
- **Clear shield Part # 4178CL (9 ¼" x 19")**
- **Ear plugs with cord**
- **Welding cap**
- **Welding helmet with shaded lens #10 or higher if needed**
- **Lapco Welding Jacket**
- **Leather welding gloves long cuff**
- **Chipping hammer**
- **Wire Brush**
- **Vise Grip pliers – # 10WR**
- **Torch lighter or striker (3 face head)**
- **Measuring tape 25 ft 1"**
- **4 ½ right angle grinder, 1 HP 6.3 lb 6 AMP, 10,000 RPM**
- **4 ½ grinding wheels (disk) 2 ea. 1/8", ¼" & 1 flat wire wheel**
- **25 ft. electric extension cord, 3 prong 110 volt 14/3 or equivalent**

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