



Industrial Welding Technician

Get the training to begin your career in Industrial Welding! Our comprehensive welding course will introduce you to entry level skills using a combination of classroom training and welding lab experience.

You'll learn the basics of shielded metal arc welding, gas metal arc welding, flux-cored arc welding, gas tungsten arc welding and plasma arc cutting. This course also introduces welding various joint designs in different welding positions.

Metals used during class include stainless steel, aluminum and carbon steel. Tuition includes all materials and Personal Protective Equipment (PPE) required for the program (helmet, jacket, gloves & safety glasses).

You'll also earn the OSHA 10-hour General Industry credential and receive blueprint and measurement training.

Participants completing this course earn a certificate of completion and will be ready to seek entry-level welding positions with area employers.

Length: 120 Hours / 8 Weeks

Location: 800 East Central, Springfield Missouri
OTC Center for Workforce Development

Training open to men and women 18 or over

Call (417) 447-8888 for start dates

Safety Training (12 hours)

- Cylinders
- Fire hazards
- UV
- Grinding RPM
- Shielding
- Guarding

Theory (4 hours)

- SMAW (Shielded Metal Arc Welding)
- GTAW (Gas Tungsten Arc Welding)
- PAC (Plasma Arc Cutting)
- GMAW (Gas Metal Arc Welding)
 1. Pulse
 2. Spray
 3. Short-arc
 4. Flux core
- Blueprint (4 hours)
- Measurements (2 hours)

Hands-on Content (82 hours)

- Plate welds
- Groove welds
- Pipe welds
- Lap welds
- Fillet welds