



Welding Technology Tool List

Required Tools

- 2 crescent wrenches (10" and 12")
- Pipe wrap-around
- Hand wire brush
- Stainless wire brush for GTAW
- Welding gloves (1 pair)
- Light-duty leather gloves
- Welding/cutting goggles (shade 4 or 5)
- Measuring tape (16 ft)
- Vise-Grip clamps (#7WR or #10WR)
- MIG pliers / Welpers for GMAW
- Lineman / side-cutting pliers
- Carbide-tip scribe
- Leather jacket or leather sleeves
- Leather boots
- Chipping hammer
- Welding helmet (auto-darkening or shade 9-12)
- Clear helmet cover lenses (5 extra)
- Striker with extra flints
- Torch tip cleaners
- Safety glasses (2 pair)
- Calculator with trigonometric functions
- Corded grinder/sander (4.5"–5")
- Flap wheels (4 total: 60-grit x2, 80-grit x2)
- Wire wheel for grinder (RPM-rated)
- 12" combination square
- Lock for locker
- Fillet weld gauge set
- 11R Vise-Grip clamps (2)
- Small chisel
- Small center punch
- Flashlight (Streamlight Stylus Pro or equivalent)

Note: Students should consult instructors before purchasing welding helmets or grinders. Low-quality tools can negatively impact weld quality and increase completion time.