



## COLLIN COLLEGE

# Continuing Education Welding Tool Kit and PPE Requirements

### **Primary Tools Required:**

- Auto-Darkening Welding Helmet (shade 9-13) Single shade is acceptable, if you know what shade works best for your eyes.
- Curved handle, Carbon Steel wire brush
- Chipping Hammer
- Small toolbox or tool bag to carry your items.

### **Minimum PPE Required:**

- Safety glasses (clear with side shields) which meet ANSI Z87 Standards  
If you wear glasses, goggles to fit over glasses or Side shields are required.
- Welders Gloves (forearm length gauntlet style needed to start, will discuss further options)
- Long-sleeve 100% cotton Shirt
- Serviceable work pants: cotton or denim
- 6" leather work boots
- Welder Jacket

**The following items are slightly specialized; Please wait until after first class to purchase if buying new if you have limited funding.**

- Welder-Helper 8-Way MIG Pliers
- Welder Striker (Flint-based Torch starter)
- Shade 5 Safety/Cutting Glasses (necessary for Torch Cutting Operations)
- Welders Cap (100% cotton)
- Clear Face Shield
- Locking Vise-Grip Pliers or C-Clamp
- Crescent Wrench
- TIG Welding Gloves
- Ceriated, Thoriated, or Lanthanated or EWG Tungsten : 3/32" diameter

**Power tools always help reduce work time but are not mandatory for this course:**

- 4 ½" Angle Grinder
- 4 ½" Hard Rock Grinding Disc
- 4 ½" Flapper Disc (32-60 Grit)
- 4 ½" Carbon Knotted Wire Wheel