

# Welding Tool List



- Students will need their tools in the first week of classes.
- Students with an overage of financial aid funds can purchase their welding kit in the bookstore during the financial aid charging period (the 2 week period starting the week before classes begin).
- For students who wish to buy tools elsewhere, the following welding supply stores will give a 10% discount to students with an ATC ID: *Air Gas, Oxygen Service, Minneapolis Oxygen and Toll Welding.*

## First Year Tool List

- 1- Welding Helmet (with shade 10 lens)
- 1- Shade 11 & 12 Lenses and 10 Plastic Cover Plates
- 1- Oxy-Fuel Welding Goggles with shade 5 Lens or Welding Shield
- 1- Pair Safety Glasses
- 1- Set of Welding Leathers
- 1- Pair SMAW Gloves
- 1- Pair GTAW Gloves
- 1- Toll Box
- 1- Tape Measure
- 1- Fillet Gauge
- 1- Striker
- 1- Tip Cleaner
- 1- Chipping Hammer
- 1- Soapstone & Holder (or Comparable Metal Marking System)
- 1- Pliers
- 1- Wire Cutters
- 1- Small C-Clamp Vise Grip
- 1- Small Vise Grip
- 1- Large Vise Grip
- 1- Center Punch
- 1- Chisel
- 1- Hammer
- 1- Steel Brush
- 1- 10" Adjustable Wrench
- 1- 12" Adjustable Wrench
- 1- Compass/Dividers
- 1- Protractor/Angle Measuring Device
- 1- Box Black Sharpies
- 1- Box 1/16" 2% Thoriated Tungsten Electrodes
- 1- Box 3/32" Thoriated Tungsten Electrodes
- 1- 4 1/2" Industrial Angle Grinder- Purchase a soft disk backer pad with it
- 1- Scientific Calculator- Texas Instruments TI-30XA

## Second Year Tool List

- 1- Magnetic Torpedo Level
- 1- Scissors
- 1- Combination Square
- 1- Half Round File
- 1- Wrap-A-Round, Medium 3.88" W x 4'L, 3" to 6" pipe, Item # 0720-0007
- 1- Each Welding Temperature Crayons (250, 300, 450 degF) or Laser Heat Gun