<table>
<thead>
<tr>
<th></th>
<th>OFW-Oxy-Fuel Welding</th>
<th>SMAW-Shielded Metal Arc Welding</th>
<th>GMAW-Gas Metal Arc Welding</th>
<th>GTAW-Gas Tungsten Arc Welding</th>
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**WELDING TECHNOLOGY TOOL LIST**

Some items will need to be replaced due to wear such as: Gloves, Glasses, Wire Brush, Striker and sometimes Leathers. Gloves wear the most and will likely need replacement each quarter. Other items listed will likely need replacement each year.

- Safety Glasses *(clear)* with Side Shield **UVEX 3000 or equal** $9
- Welding Hood Huntsman 490P - i.e. slide front, small lense $55
- Leather Sleeves- i.e. covers shoulders/arms **Tillman 3221** $37.20
- Leather Bib- i.e covers chest/stomach **Tillman 3120** $10.86
- Leather Apron with split leg i.e. covers chest, stomach, waist, & legs **Tillman 43 42** $28
- Welding Gloves (stick) thick leather, loose fitting 6 pr x 12= $72
- Welding Gloves (TIG & Gas) **Tillman 24C** *(s,m,l)* fairly close fitting but not tight 4x10.69=$42.76
- Welding Goggles (with hard case) goggles framework is stiff not flexible plastic $8.46
- Striker (single or multiple flint style) $2.25
- Tip Cleaner (for acetylene tip cleaning) $2.75
- Wire Brush (long handle w/ stainless steel bristles) $4.25
- Slag Hammer $7
- Welding Cap **100% cotton only**--no "adjustable" hat type allowed $4.83
- Weld Lenses (**#4,#5,#9,#10,#11**) spares and provides for more experimentation for beginners $20
- Galvanized Bucket (this is your tool box) No plastic items allowed in booth $12
- Swivel Head Pen Vise (used to sharpen tungsten) **Hempe or magnetic scribe** $4
- 100% Cotton Shirt/Pants and/or Overalls (No Blends as blends melt) $65
- Leather Work Boots ~ Sewn in shoe tongue w/hard sole (No Sport/Tennis Shoes) (no man made upper materials allowed) $160
- 6" stainless steel ruler i.e.: **General stk #GTO32036GH or General model 300** $2
- Penlight (pocket-size flashlight) $14
- Ear Plug Case i.e.: **AO Safety P/N 90585** $2.25
- Combination Square Set 12” 4 pc. Includes: square, center and protractor heads $150
- Tape Measure 12’ (min.) $16
- Fillet Weld Gage Set (i.e. Nasco NFG-7) $18
- MIG Welding Pliers 8” $27.88
- Boiler Pipe Wedge i.e. Armstrong p/n 79-493 $7
- Particulate/Welding Respirator i.e. **MLDX 2310N99** $12
- Visor Headgear Huntsman 138-14381 $10.95
- Visor CLR Jackson 0754-0029 $4.99

The listed items are a requirement to possess during all phases of the training program.

It is recommended that tools be purchased **after** hearing the orientation from your instructor. If you already have some of these items, bring them your first class to see if they will function as needed.

G:\WELDING\Tool Lists\Tool List Dec 2014 with prices