



Student Supply List

Course of Study: SMAW/FCAW Workshop

It is a requirement of the Welding Certification Center that every student enrolled and engaged in a course or workshop must furnish their own Personal Protective Equipment (PPE) and certain hand tools.

Students should be prepared to have all of the items listed under “Mandatory” on the first class session, and every class session thereafter. Any student not in possession of any of the items listed under “Mandatory” will not be allowed to participate in the lab until such time as the items can be furnished.

Mandatory

1. Safety Glasses - ANSI Z87.1 certified
 - Must be worn at all times while in the shop, even under welding helmet.
 - Prescription glasses must meet ANSI Z87.1 standards, or safety glasses must be worn on top
2. Cotton clothing to include long pants (No Shorts, No Polyester, No Synthetic Materials)
3. Leather work boots, or shoes (No Sneakers, No Loafers, and Especially NO Open Toed Shoes)
4. Welding Helmet (At least Shade 10 if fixed, auto-darkening is easier to learn with)
5. Leather SMAW Welding Gloves (MIG, TIG, or other non SMAW leather gloves are not allowed)
6. Welding Jacket (Long sleeves and leather is preferred due to greater protection from burns)
7. Chipping Hammer
8. Wire Brush
9. Slip Lock Pliers (Channel Locks)
10. Vise Grip Pliers
11. 4 1/2” Angle Grinder with the following wheels
 - Grinding Stone for Metal, Sanding Flap Disk, Cutting Disks, Wire wheels
 - Must have safety guard on at all times!

Optional

1. C-clamps
2. Tape Measure
3. Flashlight or shop light
4. Picks/Scraping Tools
5. Extension Chords
6. Welder’s Beanie
7. Equipment Bag or Tool Box

We are proud to supply a Welder’s Tool Kit that can be purchased from us and contains everything you’ll need, and at a very reasonable price. Otherwise, most of these tools and equipment can be purchased at local big box home improvement stores like Home Depot, or Lowe’s. Some items can also be found at Sears, OSH, or Harbor Freight Tools. Most of the apparel can be found at local welding gas suppliers, such as Praxair or Airgas. Finally, most everything listed can be found online. If you have any questions, feel free to ask the instructor at your orientation.

WE WILL NOT LOAN TOOLS. YOU MUST BRING YOUR OWN OR GO WITHOUT