

EQUIPMENT LIST

Proper protective equipment and clothing are required to work in the welding shop. Please consult with an instructor to determine what is needed for the course(s) you are enrolled in.

Minimum Required Tool List

1 lift front type Welding Helmet	Leather gloves
Safety Glasses	Vice Grips
Cotton work clothes (long sleeve shirt)	Tape measure
Work Boots	1 slag hammer
1 Combination square	1 wire brush

Complete Required Tool List For All Degree Students

1 lift front type Welding Helmet	1 hex key set
#11 Filter Lens	1 soapstone holder w/ soap stone
10 clear plastic cover lenses	1 combination square
1 leather welder's jacket or sleeves	1 24 inch framing square
1 shop cap (hair cover)	1 Calculator
1 pair of safety glasses (with side shields)	4 – 11R Vise Grip Clamps
1 pair leather gloves (gauntlet type)	1 - 4.5” grinder
Enough ear plugs for the full term	6 - 4.5” grinding disks
1 pair of leather boots (above the ankle)	3 - 4.5” wire wheels
1 pair of carhardt bibs or overalls	1 – cold chisel
1 three ring binder	1 – small ball peen hammer
1 16 ft. tape or larger	<u>Additional Tools For Each Process</u>
1 vise-grips or pliers	Stick Welding (SMAW)
1 leather apron or chaps	1 slag hammer
1 leather neck protector	1 wire brush
1 set of tip cleaners	Wire Welding (GMAW/FCAW)
1 pair of cutting goggles with #4 filter lens	1 wire brush
1 hammer, 2 lb. Blacksmith	1 slag hammer
1 striker	1 Welper Mig pliers or Side Cutters
1 toolbox or 5 gallon bucket with organizer	TIG Welding (GTAW)
1 12” adjustable wrench (crescent wrench)	1 pair tig gloves (gauntlet type)
1 4” c-clamp	1 wire cutters
1 - flashlight	1 stainless steel tooth brush

Student is responsible for purchase of their own equipment. Check the yellow pages for local welding suppliers.

NOTE***

***** Cost of welding equipment will very depending on where it is purchased.**