Welding Supplies List

Note: These are required supplies for the Welding Program. Students must come to class the first day with all of the following supplies; they will not be provided for you.

Safety Glasses: Z87+ approved safety glasses with side shields are a must. Prescription glasses are okay but must be approved safety glasses with clip on side shields.

Welding Helmet & Lens: You will also need a clear cover plate to protect the lens. If you want a single shade a number 10 or 11 is what is usually preferred. Auto-darkening adjustable lens are very popular, very nice, but can be expensive.

Additional Shade Lens and Cover Plates: Replacement lens and cover plates are the student’s responsibility. Instructors do not have equipment for sale so come prepared.

Head Protection: Skullcaps protect your head from the stray spark. Many students prefer to wear baseball caps.

Gloves: 1pr – gauntlet gloves, 1pr – TIG gloves, 1pr – leather work gloves.

Welding Leathers or Flame Retardant Coat: When deciding on a coat consider two factors: 1) Welding Leathers cost more, but are more resistant to burns. 2) Flame Retardant Coats are much cheaper but are not as resistant to burns and may need replacing each semester.

Work Shoes or Boots: Safety toe leather work shoes or boot are required. Tennis shoes are NOT allowed in the weld or fabrication shop.

Supplies Bag: Get a bag large enough to fit your welding supplies. This makes moving your things from the classroom to a locker or vehicle much easier.

Pliers: A Welpers (Welder’s Pliers) from a welding supplier is the best, however a needle nose pliers with side cutter (wire cutter) is acceptable.

Tape Measure: 10-12ft. is recommended. Look for a 1” blade width with 1/32” graduations.

Combination Square w/ Protractor: We have a limited number of these in the shop. Having your own will ensure you have one to use at all times.

Dial Caliper (Analog or Digital): Will give you more precise measurements over the use of a tape measure.

Scratch Awl: For marking parts in Manufacturing and Fabrication classes.

Center Punch: For marking the center of holes and radiuses.

Calculator: Ti-30Xa or equivalent.

Sharpie Permanent Markers (Fine Tip): For marking parts or writing on material.

USB Drive: 1GB drive is more than adequate, but any size drive will work.

2” Ring Binder: Qty. – 2. One for your lab paperwork and one for your theory paperwork.

Flashlight: Any type or size.

Soap Stone Pieces: For making marks on hot material.

Page Dividers/ Tabs: To organize the sections of your lab manuals for easy reference.

Note Paper: 2-3 spiral notebooks depending on size. Note taking during lecture/demos is essential.

Pens/Pencils: These are not supplied if you lose or forget them so buy a bunch.

Colored Pencils: 10-12 different colors are needed for Print Reading and Fabrication classes.

Heat Shield/Back Hand Pads: Designed to be worn over the back of a welding glove to provide extra protection in high heat situations.