

REQUIRED TOOLS and SAFETY EQUIPMENT for Both Years of WELDING PROGRAM

These tools are **REQUIRED** for successful completion of these courses. It is expected that all students will have the minimum tools and safety equipment the first day of class in the appropriate semester. Any or all tools may be upgraded to student's preference.

| REQUIRED: | Semester needed | Est. \$ cost |
|---|--------------------|---------------------|
| <input type="checkbox"/> ALL-LEATHER WORK BOOTS (STEEL TOE HIGHLY RECOMMENDED) | 1 | 120.00 |
| <input type="checkbox"/> LEATHER CAPE & SLEEVES WITH BIB OR LEATHER JACKET | 1 | 75.00 |
| <input type="checkbox"/> COTTON WORK CLOTHING OR COVERALLS | 1 | 40.00 |
| <input type="checkbox"/> TRI-FLINT STRIKER | 1 | 3.00 |
| <input type="checkbox"/> SAFETY GLASSES with SIDE SHIELDS (prescription glasses much higher) | 1 | 5.00 |
| <input type="checkbox"/> WELDING HOOD with SHADE 9, 10, and 11 FILTER PLATES | 1 | 60.00 |
| <input type="checkbox"/> WELDING GOGGLES with SHADE 5 FILTER PLATE | 1 | 15.00 |
| <input type="checkbox"/> 5 CLEAR COVER PLATES (2" x 4 1/4") | 1 | 4.00 |
| <input type="checkbox"/> CHIPPING HAMMER (WOOD OR PLASTIC HANDLE) | 1 | 8.00 |
| <input type="checkbox"/> WIRE BRUSHES (QTY 2; 1-MILD STEEL & 1- STAINLESS STEEL) | 1 | 12.00 |
| <input type="checkbox"/> TAPE MEASURE (12 foot minimum length) | 1 | 5.00 |
| <input type="checkbox"/> 6" LOCKING PLIERS (i.e. VISEGRIPS) | 1 | 14.00 |
| <input type="checkbox"/> NEEDLE-NOSE PLIERS WITH WIRE CUTTER | 2 | 8.00 |
| <input type="checkbox"/> 10" HALF-ROUND BASTARD FILE | 3 | 5.00 |
| <input type="checkbox"/> Two LOCKS FOR LOCKERS (2 SETS OF KEYS or Combination) | 1 | 6.00 |
| <input type="checkbox"/> SOAPSTONE (HOLDER OPTIONAL) | 1 | 3.00 |
| <input type="checkbox"/> LEATHER WELDING GLOVES (GAUNTLET TYPE) | 1 | 12.00 |
| <input type="checkbox"/> TIP CLEANER | 1 | 2.00 |
| <input type="checkbox"/> 4 1/2 " ELECTRIC GRINDER (with 6 ferrous & 6 aluminum wheels) | 1 | 125.00 |
| <input type="checkbox"/> COMBINATION SQUARE | 1 | 10.00 |
| <input type="checkbox"/> CARBIDE SCRIBE with magnet | 1 | 5.00 |
| <input type="checkbox"/> 6" (minimum) DRAWING COMPASS | 3 | 5.00 |
| <input type="checkbox"/> CARPENTERS SQUARE | 3 | 15.00 |
| <input type="checkbox"/> CALCULATOR | 1 | 10.00 |
| <input type="checkbox"/> TWO MECHANICAL PENCILS (suggest 0.5mm or 0.7mm) | 1 | 6.00 |
| <input type="checkbox"/> ONE ART GUM ERASER | 3 | 1.00 |
| <input type="checkbox"/> One NIOSH rated Respirator to fit under a welding hood (N95 minimum) | 2 | <u>15.00</u> |
| Total Estimated Cost | | 588.00 |