



## Mechanical Drafting

Tools Required First Day of Classes

Estimated Cost for Related Welding: \$220

Quantity	Description Program Required Tools
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**Below is only for Mechanical Students (2<sup>nd</sup> Year)!!!!**

### **Supplies required for the Related Welding Course:**

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|---|--|
| 1 | Welding helmet with #10 lens. Fixed or lift front. Can be auto darkening. Extra lenses. No sharing of welding hoods.   |
| 1 | Welding cap  |
| 1 | Welding cutting goggles with #5 lens. Green-2"x4 1/4" fixed front or auto welding hood that goes to a shade 4 or 5 lens for cutting.                                     |
| 1 | Clear safety glasses   |
| 1 | Ear plugs  |
| 1 | Standard pliers  |
| 1 | Mig welding or needle nose pliers  |
| 1 | Shielded metal arc leather and Gas metal arc leather welding gloves  |
| 1 | Chipping hammer  |
| 1 | Carbon steel wire brush  |
| 1 | Economy 4 1/2" grinder with two 1/4" grinding wheels and 1 wire wheel attachment. You can purchase an inexpensive grinder for under \$20 if you currently don't own one. |
| 1 | Pocket flashlight  |
| 1 | Bucket or bag to haul supplies in. No lockers available in welding lab area.   |

### **PPE required for Related Welding Course:**

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|---|--|
| 1 | 100% cotton long sleeve work shirt. To be worn under your flame-resistant jacket. NO HOODIES |
| 1 | Flame resistant jacket 100% cotton   |
| 1 | Fitted jeans with no holes or frays  |
| 1 | Leather work boots can be steel toed. No sneakers  |