



**Welding**  
**Hays Campus**  
**2026-2027**

The following are the required tools for this program. All tools are to be of the finest quality. Tools will be inspected prior to being used in the department. The department reserves the right to refuse the use of worn or defective tools or tools which do not conform to the specifications of this list and the department chairperson.

**Required Tools and Equipment:**

| <b>Quantity</b> | <b>Tool Item Name</b>                                       |
|-----------------|---|
| 1               | Leather cap and sleeve (can substitute full leather jacket) |
| 1               | Leather bib   |
| 1               | Soft billed welding beanie                                  |
| 1               | Metal marking scribe  |
| 1               | Welding helmet (auto-darkening recommended, not required)   |
| 1               | Safety glasses  |
| 1               | 20" tool box, metal or plastic                              |
| 1               | Face shield with clear lens                                 |
| 1               | face shield with shade 5 lens                               |
| 1               | Silver streak   |
| 1               | 5" grinder  |
| 1               | Atlas Tomahawk Chipping hammer                              |
| 1               | Soapstone holder - flat                                     |
| 1               | 3 flint striker   |
| 1               | WYPO standard tip cleaners                                  |
| 1               | Lee Little Helper, or Curve-omatic (wrap-around)            |
| 1               | Carbon steel wire brush – shoe handle type                  |
| 1               | Stainless steel wire brush – shoe handle type               |
| 2               | Padlocks – 7D   |
| 2               | 10R vise grip   |
| 2               | 11R vise grip   |
| 1               | 6" center punch   |
| 1               | 5/8" cold chisel  |



# FORT HAYS TECH ***NORTH CENTRAL***

|   |  |
|---|--|
| 1 | 25' tape measure                                     |
| 1 | Metal combination square                             |
| 1 | 2.5 lb blacksmith hammer                             |
| 1 | Flat screwdriver – 4" stem, 8" overall               |
| 1 | Phillips screwdriver #2 - 4" stem, 8" overall        |
| 1 | 8" pliers  |
| 1 | Pliers pouch   |
| 1 | 10" adjustable plated wrench (diamond or crescent)   |
| 1 | 8" adjustable plated wrench (diamond or crescent)    |
| 1 | YS-50 Welpers  |
| 1 | Flat file – 8 or 10 inch w/ handle                   |
| 1 | Rat tail file w/ handle                              |
| 1 | Pkg 3/32" 2% ceriated tungsten                       |
| 1 | Pkg 3/32 Pure Tungsten                               |
| 1 | Fillet weld gauge set                                |
| 1 | LED pen light (Streamlight Stylus Pro)               |
| 1 | White paint marker                                   |
| 1 | Heavy welding gloves w/ gauntlet                     |
| 1 | Glove heat shield                                    |
| 1 | PC Laptop Computer (no Chromebook, MacBook, or iPad) |

### **Vendor Information:**

Tools can be purchased from the vendor of your choice.

### **Contact:**

Department Chair, Dillon Bell  
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