



Welding Tool List

Hays Campus

2023 - 2024

Following are the required tools for the **Welding** program. These tools can be purchased from the vendor of your choice. 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. Students must have all tools by the first day of class.

Required Tools and Equipment

<u>Qty</u>	<u>Item</u>
1	<u>Leather</u> Cap Sleeve M – L - XL (Can substitute full leather jacket)
1	<u>Leather</u> Bib
1	Soft Billed Welding Beanie
1	Metal Marking Scribe
1	Welding Helmet- Auto darkening not required
1	Safety Glasses
1	20" Tool Box (metal or plastic)
1	Face shield with clear lens
1	Face shield with #5 lens
1	Silver Streak
1	5" grinder
1	Atlas Tomahawk chipping hammer
1	Soapstone Holder- flat
1	Striker 3 flint
1	WYPO Standard Tip Cleaners
1	Lee Little Helper, or Curve-omatic
1	Carbon Wire Brush – Shoe Handle type
1	Stainless Steel Brush - Shoe Handle type
2	Padlocks-7D
2	10R Vise Grip
2	11R Vise Grip
1	6" Center Punch
1	5/8" Cold Chisel
1	25' Steel Tape Measure – 25' x 1"
1	Metal Combination Square
1	2 1/2# Blacksmith Hammer

1	Straight Screwdriver - 4"stem, 8"overall
1	Phillips Screwdriver #2 4"stem, 8"overall
1	Heavy welding Gloves with gauntlet
1	8" Pliers
1	Leather Pliers Pouch
1	10" Adjustable Plated Wrench (Diamond or Crescent)
1	8" Adjustable Plated Wrench (Diamond or Crescent)
1	YS-50 Welpers
1	Glove heat shield
1	Flat file- 8 or 10 inch w/handle
1	Rat tail file w/handle
1 Pkg	3/32 2 % Thoriated Tungsten
1 Pkg	3/32 Pure Tungsten
1 Set	Fillet Weld Gauge Set
1	Streamlight Stylus Pro LED Pen Light
1	White Paint marker

Estimated Cost: \$750.00 (not including auto-darkening helmet)

Note: Estimated costs reflect current market value and are subject to change.

Vendor Information:

Please contact the Department Chair, Dillon Bell; dbell@ncktc.edu or 785-628-5323, with questions or for further information.