



Welding Technology Johnson County Campus Tool List

Special Arc Welding Skills Certificate of Completion and Associate of Applied Science

<u>Quantity</u>	<u>Tools</u>
1	Auto Darkening Variable Shade or Conventional Welding Helmet
6	Clear Lens to fit Welding Helmet*
1	Chipping Hammer
1	9" Channel Lock Pliers or 9" Vice Grip Pliers
1	25' Tape Measure
1	Wire Brush
1	Soap Stone with Holder
1	4-1/2" Electric Grinder
4	Grinding Wheels for above grinder*
2	Wire Wheels for above grinder*
2	Cut-off Wheels for above grinder*
1	Large Half-round File
1	Padlock
1	Basic Calculator
1	Welding Calculator Set ** (available as a free app)
1	Pair of Heavy Welding Gloves
1	Pair of MIG Pliers or Needle Nose Pliers
1	Fillet Weld Gauge Set
1	Pipe Wedge
1	Torch Tip Cleaner
1	300 Degree Temp Stick
1	Torch Striker
1	Pair of TIG Welding Gloves
2	1/16" 2% Ceriated or Thoriated Tungsten Electrodes*
2	3/32" 2% Ceriated or Thoriated Tungsten Electrodes*
2	1/16" Pure Tungsten Electrodes*
2	3/32" Pure Tungsten Electrodes*
1	1/16" Collet and Collet Body for Weldcraft WP-20 TIG Torch
1	3/32" Collet and Collet Body for Weldcraft WP-20 TIG Torch
1	Long Back Cap for Weldcraft WP-20 TIG Torch
1	#6 Nozzle for Weldcraft WP-20 TIG Torch
1	#8 Nozzle for Weldcraft WP-20 TIG Torch
1	Clear Face Shield
1	Pair of Safety Glasses
1	Welding Cap
	Ear Plugs
	100% Cotton Long Sleeved Shirt
	Denim Pants
	Leather Work Boots
	Leather Welders Cape Sleeves or Leather Welders Jacket
	Tool Bag (optional)
	* These are individual, not packs
	** Can be purchased at the Hill College Bookstore
	Other tools may be needed throughout the program