

	A	B	C
1	Northeast Community College- Welding Required Tool List (2026)		
2	Tools Required First Day of Classes		
3	Estimated Cost: \$900-\$1,500		
4	The following is equipment and supplies required for training. Please note that there are choices on supplies-lift front helmets, auto darkening helmets, gloves, etc. You may have some of the items listed already. The instructor will advise you if they meet program requirements. Safety equipment is mandatory for all classes because of the nature of the trade. Items need to be ordered in advance (mid-June) so that you have them on first day of class. Most items can be purchased from a welding supply store. Hand tools may be more affordable at other stores. A more professional and safe atmosphere is present when everyone wears the proper attire. Please advise if you have questions. John Knapp 402-844-7201, Norfolk, or Michael McCarthy 402-844-7200, Norfolk. Chance Rohlk, 402-241-6422, South Sioux City.		
5		Quantity	Description Program Required Tools
6		1	Auto darkening welding helmet (recommended) with extra cover lenses for inside and front of helmet.
7		2	Welding Cap 100% cotton
8		2 pr	Safety Glasses (clear) or prescription safety glasses
9		24 pr	Ear Plugs/pre-shaped foam type
10		1	Stainless Steel Wire Brush
11		1	Stainless Steel Toothbrush
12		1	Carbon Steel Wire Brush
13		1	Chipping Slag Hammer
14		1	Locking C-Clamp plier type. Vice-Grip or Economy brand.
15		1	Half Round File, Bastard Cut to 14"
16		1	12" Adjustable Wrench (crescent or like brand)
17		1	Ball Peen hammer 24 oz. or 16 oz.
18		1	Pocket flashlight battery or chargeable
19		1	Cold chisel for steel 4" or 6" long -1/2" diameter
20		1	Combination Lock

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21		1	FR Jacket with Leather Sleeves
22		1	Welding and Cutting Goggles shade 4 or 5 or shaded face shield
23		1	Clear face shield
24		1	Flint Striker-extra flint
25		1	Tip Cleaners
26		3 pr	SMAW Stick glove. Thicker cut.
27		2 or	GMAW Mig glove. Medium thickness.
28		2 pr	GTAW Tig glove. Thin cut.
29		2 pr	Drivers/work glove. Medium thickness for moving and cutting metal
30		1	Linesman Cutting Pliers-for cutting 1/8" TIG wire
31		1	Needle Nose Pliers or Mig Welding Pliers
32		1	Soap Stone & Holder-flat or round with extra soap
33		2	Silver-streak welders pencil or like brand
34		2 grinders	4 1/2" Grinder 10 Amp with extra (6) 1/8" and (8) 1/4" grinding wheels, (5) Stringer Bead Twist Wheel Brush and (8) 60 Grit Flap Disc. Cord or Cordless
35		1 roll	Vinyl electrical tape
36		10	3/32" x 7" 2% Lanthanated Tungsten 1 pack
37		1	Alumina Nozzle 10N47 #7
38		1	Alumina Nozzle 10N46 #8
39		1	Alumina Nozzle 10N45 #10
40		1	Collet 10N24 3/32-GTAW Parts
41		1	Collet Body 10N32 3/32-GTAW Parts
42		1	Back caps Long 57Y02-GTAW Parts
43		1	Gas Lens 45V26 3/32-GTAW Parts
44		1	Gas Lens Nozzle 54N14-GTAW Parts
45		1	25' Measuring Tape
46		1	9" Torpedo Level
47		1	12" Combination Square
48		1	Center Punch for metal – 1/4" or 3/8 "

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49		2	Sharpie black extra fine point markers
50		1	5-gallon bucket or bag to carry tools in. No toolboxes left in lab.
51		1	Protractor
52		1	Locking Compass
53		1	Fillet Weld Gages-Set
54		1	Standard Pliers
55			Students must also supply: Not included in estimated cost of supplies listed above.
56			*Leather Composite Toed Work Boots
57		2 pr	*100% cotton Carhartt or Wrangler or other brand work shirt with flaps on pockets and recommend snaps over buttons. No flannel. Washed regularly.
58			*100% cotton tee shirt to be worn under work shirt.
59			*Normal fitting blue or black jeans. Straight leg. No holes or frays.
60			Please mark your name on all tools and supplies!