

	A	B	C
1	Northeast Community College- Automotive Technology-Certificate Required Tool List (2026)		
2	Tools Required First Day of Classes		
3	Estimated Cost: \$1,500-\$4,000		
4	Quantity	Category	Description Program Required Tools
5	1		Rollaway tool cabinet with locking drawers (7 drawer minimum). Minimum size 36" long, 19" deep x 42" high with minimum 5" wheels.
6	1		Clear safety glasses (not goggles)
7	1		Ear Plugs Corded
8	4		Uniform Shirts purchased from Campus Book Store
9	1 set	1/4" Drive Set	(10 sockets) 6 point (3/16 through 9/16)
10	1 set	1/4" Drive Set	(10 sockets) deep 6 point (3/16 through 9/16)
11	1	1/4" Drive Set	2" extension
12	1	1/4" Drive Set	6" extension
13	1	1/4" Drive Set	5" ratchet
14	1	1/4" Drive Set	Nut driver handle
15	1 set	1/4" Drive Set	(13 sockets) 6 point metric (5 mm through 14 mm) with 5.5 mm
16	1 set	1/4" Drive Set	(13 sockets) 6 point deep metric (5 mm through 14 mm) with 5.5 mm
17	1	1/4" Drive Set	1/4 universal joint
18	1 set	3/8" Drive Socket Set	6 point sockets (5/16" through 7/8")
19	1 set	3/8" Drive Socket Set	6 point deep sockets (5/16" through 7/8")
20	1	3/8" Drive Socket Set	1" extension
21	1	3/8" Drive Socket Set	3" extension
22	1	3/8" Drive Socket Set	6" extension
23	1	3/8" Drive Socket Set	12" extension
24	1	3/8" Drive Socket Set	Universal joint
25	1 set	3/8" Drive Socket Set	Metric socket set 6 point (9 mm through 19 mm)
26	1 set	3/8" Drive Socket Set	Metric deep sockets 6 point (9 mm through 19 mm)
27	1	3/8" Drive Socket Set	Long flex head ratchet – 12" (approx.)
28	1 set	1/2" Drive Set	6 point metric sockets (12 mm through 24 mm)
29	1 set	1/2" Drive Set	6 point sockets (7/16" through 1 1/8")
30	1	1/2" Drive Set	3" extension
31	1	1/2" Drive Set	10" or 12" extension

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32	1	1/2" Drive Set	10" ratchet
33	1	1/2" Drive Set	Flex handle breaker bar 18" (approx.)
34	1 set	Wrench Set	Combination long metric wrench set (6 mm through 24 mm)
35	1 set	Wrench Set	Combination long wrench set (1/4 through 1 1/8")
36	1	Chisel and Punch Set	Minimum 10 Piece Set including 3 Cold Chisels, 3 Pin Punches, 1 Center Punch, and 3 Taper Punches
37	1 set	Combination Screw Driver Set	Standard tip – 1/4" stubby, through 3/8" x 8" (5 piece set)
38	1 set	Combination Screw Driver Set	Phillips tip - #1, #2, #3, and #2 stubby (4 piece set)
39	1	Hammers	Ball peen hammer 48 oz
40	1	Hammers	Ball peen hammer 24 oz
41	1	Pliers	12" channel lock
42	1	Pliers	7" diagonal cutters
43	1	Pliers	6" or 8" long (needle) nose pliers
44	1	Pliers	7" slip joint pliers
45	1	Pliers	Wire stripping pliers with crimper
46	1	Pliers	" Vise Grip " brand locking pliers 5" model 5WR (no subs)
47	1	Pliers	" Vise Grip " brand locking pliers 10" model 10WR (no subs)
48	1	Miscellaneous Tools	18" and 36" pry bar with plastic handle
49	1	Miscellaneous Tools	12 volt test light with insulated clip (6' leads) no LED lights
50	1	Miscellaneous Tools	Torque wrench 1/2 dr. 200 ft lb. Minimum (click type)*
51	1	Miscellaneous Tools	Brake hold down spring tool
52	1	Miscellaneous Tools	Brake adjuster tool
53	1	Miscellaneous Tools	Brake return spring tool
54	1	Miscellaneous Tools	Brake return spring pliers
55	1	Miscellaneous Tools	Digital calipers 0 to 6"
56	1	Miscellaneous Tools	3/8" drive std. hex bits (8 pieces) 1/8" – 3/8"
57	1	Miscellaneous Tools	3/8" drive metric hex bits (7 pieces) 4mm-10mm
58	1	Miscellaneous Tools	Mini Mag light
59	2	Miscellaneous Tools	1/4" NPT Male Air Couplers w/Male threads -Type D
60	1	Supplies required for the Related Welding Course	Welding helmet with #10 lens. Fixed or lift front. Can be auto darkening. Extra lenses. No sharing of welding hoods.
61	1	Supplies required for the Related Welding Course	Welding cap
62	1	Supplies required for the Related Welding Course	Welding cutting goggles with #5 lens. Green-2"x41/4" fixed front or auto welding hood that goes to a shade 4 or 5 lens for cutting.
63	1	Supplies required for the Related Welding Course	Clear safety glasses

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64	1	Supplies required for the Related Welding Course	Ear plugs
65	1	Supplies required for the Related Welding Course	Standard pliers
66	1	Supplies required for the Related Welding Course	Mig welding or needle nose pliers
67	1	Supplies required for the Related Welding Course	Shielded metal arc leather and Gas metal arc leather welding gloves
68	1	Supplies required for the Related Welding Course	Chipping hammer
69	1	Supplies required for the Related Welding Course	Carbon steel wire brush
70	1	Supplies required for the Related Welding Course	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.
71	1	Supplies required for the Related Welding Course	Pocket flashlight
72	1	Supplies required for the Related Welding Course	Bucket or bag to haul supplies in. No lockers available in welding lab area.
73	1	PPE required for Related Welding Course	100% cotton long sleeve work shirt. To be worn under your flame-resistant jacket. NO HOODIES
74	1	PPE required for Related Welding Course	Flame resistant jacket 100% cotton
75	1	PPE required for Related Welding Course	Fitted jeans with no holes or frays
76	1	PPE required for Related Welding Course	Leather work boots can be steel toed. No sneakers
77	Request tool vendor to deliver tools to Northeast Community College by August 17, 2026, first day of classes.		