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1	Northeast Community College- Automotive Technology Required Tool List (2026)		
2	Tools Required First Day of Classes		
3	Estimated Cost: \$4,000-\$10,000		
4	<b>Quantity</b>	<b>Category</b>	<b>Description Program Required Tools</b>
5	1		Rollaway tool cabinet with locking drawers (7drawer 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		<b>Optional:</b> Matching top tool chest
10	1 set	1/4" Drive Set	(10 sockets) 6 point (3/16 through 9/16)
11	1 set	1/4" Drive Set	(10 sockets) deep 6 point (3/16 through 9/16)
12	1	1/4" Drive Set	1" extension
13	1	1/4" Drive Set	2" extension
14	1	1/4" Drive Set	4" extension
15	1	1/4" Drive Set	6" extension
16	1	1/4" Drive Set	8" extension
17	1	1/4" Drive Set	10" extension
18	1	1/4" Drive Set	5" ratchet
19	1	1/4" Drive Set	Nut driver handle
20	1 set	1/4" Drive Set	(13 sockets) 6 point metric (5 mm through 14 mm) with 5.5 mm
21	1 set	1/4" Drive Set	(13 sockets) 6 point deep metric (5 mm through 14 mm) with 5.5 mm
22	1	1/4" Drive Set	1/4 universal joint
23	1 set	3/8"Drive Socket Set	6 point sockets (5/16" through 7/8")
24	1 set	3/8"Drive Socket Set	6 point deep sockets (5/16" through 7/8")
25	1	3/8"Drive Socket Set	1" extension
26	1	3/8"Drive Socket Set	3" extension
27	1	3/8"Drive Socket Set	4" extension
28	1	3/8"Drive Socket Set	6" extension
29	1	3/8"Drive Socket Set	8" extension
30	1	3/8"Drive Socket Set	12" extension
31	1	3/8"Drive Socket Set	8" ratchet

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32	1	3/8"Drive Socket Set	Universal joint
33	1 set	3/8"Drive Socket Set	Metric socket set 6 point (9 mm through 19 mm)
34	1 set	3/8"Drive Socket Set	Metric deep sockets 6 point (9 mm through 19 mm)
35	1	3/8"Drive Socket Set	Spark plug socket – 5/8"
36	1	3/8"Drive Socket Set	Spark plug socket – 9/16"
37	1	3/8"Drive Socket Set	Spark plug socket – 13/16"
38	1	3/8"Drive Socket Set	Long flex head ratchet – 12" (approx.)
39	1	3/8"Drive Socket Set	3' extension (can be 1/2" drive on drive end)
40	1 set	1/2 " Drive Set	6 point metric sockets (12 mm through 24 mm)
41	1 set	1/2 " Drive Set	6 point sockets (7/16" through 1 1/8")
42	1	1/2 " Drive Set	3" extension
43	1	1/2 " Drive Set	10" or 12" extension
44	1	1/2 " Drive Set	10" ratchet
45	1	1/2 " Drive Set	Flex handle breaker bar 18" (approx.)
46	1	1/2 " Drive Set	Universal Joint
47	1 set	Wrench Set	Combination long metric wrench set (6 mm through 24 mm)
48	1 set	Wrench Set	Combination long wrench set (1/4 through 1 1/8")
49	1 set	Wrench Set	Tubing wrenches 6 point flare nut (1/4 through 13/16)
50	1 set	Wrench Set	Tubing wrenches 6 point flare nut (9 mm through 21 mm)
51	1	Wrench Set	12" Adjustable Wrench (crescent)
52	1	Chisel and Punch Sets	<b>Minimum</b> 10 Piece Set including 3 Cold Chisels, 3 Pin Punches, 1 Center Punch, and 3 Taper Punches
53	1 set	Combination Screw Driver Set	Standard tip – 1/4" stubby, through 3/8" x 8" (5 piece set)
54	1 set	Combination Screw Driver Set	Phillips tip - #1, #2, #3, and #2 stubby (4 piece set)
55	1	Hammers	Ball peen dead blow hammer 32 oz
56	1	Hammers	Ball peen dead blow hammer 16 oz
57	1	Hammers	Compothane hammer 32 oz
58	1	Battery Tools Minimum 5 piece service set	Battery post cleaner (top post type)
59	1	Battery Tools Minimum 5 piece service set	Battery post cleaner (side post type)
60	1	Battery Tools Minimum 5 piece service set	Angle nose pliers
61	1	Battery Tools Minimum 5 piece service set	Cable clamp puller
62	1	Battery Tools Minimum 5 piece service set	Cable clamp spreader pliers

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63	1	Pliers	12" channel lock
64	1	Pliers	7" diagonal cutters
65	1	Pliers	6" or 8" long (needle) nose pliers
66	1	Pliers	7" slip joint pliers
67	1	Pliers	Wire stripping pliers with crimper
68	1	Pliers	"Vise Grip" brand locking pliers 5" model 5WR (no subs)
69	1	Pliers	"Vise Grip" brand locking pliers 10" model 10WR (no subs)
70	1	Brake Service Tools: May be supplied as a kit with additional tools	Brake hold down spring tool
71	1	Brake Service Tools: May be supplied as a kit with additional tools	Brake adjuster tool
72	1	Brake Service Tools: May be supplied as a kit with additional tools	Brake return spring remover / installer tool
73	1	Brake Service Tools: May be supplied as a kit with additional tools	Brake return spring pliers (may be a combination tool)
74	1	Miscellaneous Tools	10" to 12" long wire brush
75	1	Miscellaneous Tools	Tread Depth Gauge
76	1	Miscellaneous Tools	Tape Measure 12 ft.
77	1	Miscellaneous Tools	Torx bit set – T8 through T60
78	1	Miscellaneous Tools	120 PSI Tire pressure gauge
79	1	Miscellaneous Tools	Air chuck
80	1	Miscellaneous Tools	Fender cover
81	1	Miscellaneous Tools	15" to 18" <b>and</b> 36" pry bar with plastic handle
82	1	Miscellaneous Tools	Feeler gauge round spark plug type .035-.080
83	1	Miscellaneous Tools	Feeler gauge set blade type (.0015-.025)
84	1	Miscellaneous Tools	Inspection mirror round (extends 10" – 14")
85	1	Miscellaneous Tools	6" pocket ruler with T bar, stainless steel, decimal equivalents on back
86	1	Miscellaneous Tools	Gasket scraper / putty knife
87	1	Miscellaneous Tools	12 volt test light with insulated clip (6' leads) no LED lights
88	1	Miscellaneous Tools	9 piece metric hex key set 1.5 mm through 10 mm
89	1	Miscellaneous Tools	Minimum 10 piece std. hex key set 3/32" – 3/8"
90	1	Miscellaneous Tools	Torque wrench 1/2 dr. 200 ft lb. <b>Minimum</b> (click type)*

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91	1	Miscellaneous Tools	Torque wrench (5 – 75 lb. click type) 3/8" Drive
92	1	Miscellaneous Tools	Magnetic pick-up tool
93	1	Miscellaneous Tools	Rubber Tip Blow gun
94	1	Miscellaneous Tools	Flexible pickup tool – 4 claw type
95	1	Miscellaneous Tools	12" hacksaw
96	1	Miscellaneous Tools	10" mill file with handle
97	1	Miscellaneous Tools	Minimum 4 piece snap ring pliers set (internal/external)
98	1	Miscellaneous Tools	O-ring pick set (4 piece)
99	1	Miscellaneous Tools	Adaptors 3/8" dr to 1/2" dr, 1/2" dr to 3/8" dr, 3/8" dr to 1/4" dr
100	1	Miscellaneous Tools	Ignition spark tester - Adjustable
101	1	Miscellaneous Tools	Pencil Soldering iron kit 120v 40 watt - (if you supply a butane type soldering iron you need to supply butane to fill the iron so it works right out of the box)
102	1	Miscellaneous Tools	Tire valve core remover
103	1	Miscellaneous Tools	Digital calipers 0 to 6"
104	1	Miscellaneous Tools	3/8" drive std. hex bits (8 pieces) 1/8" – 3/8"
105	1	Miscellaneous Tools	3/8" drive metric hex bits (7 pieces) 4mm-10mm
106	1	Miscellaneous Tools	High Quality Multi-meter Minimum Specs: 1000 Volts DC, 750 Volts AC, AC/DC amps-10A, resistance-10 Mega-ohm, Frequency-100khz, Duty Cycle-0 to 99%, Diode test, higher level, additional or added features are acceptable.
107	1	Miscellaneous Tools	Transmission piston lip seal installer tool (blade type)
108	1	Miscellaneous Tools	Transmission snap ring pliers (serrated jaws at 90 angle) 9" long
109	1	Miscellaneous Tools	Mini Mag light
110	2	Miscellaneous Tools	1/4" NPT Male Air Couplers w/Male threads -Type D
111	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.
112	1	Supplies required for the Related Welding Course	Welding cap
113	1	Supplies required for the Related Welding Course	Welding cutting goggles with #5 lens. Green-2"x4 1/4" fixed front or auto welding hood that goes to a shade 4 or 5 lens for cutting.
114	1	Supplies required for the Related Welding Course	Clear safety glasses
115	1	Supplies required for the Related Welding Course	Ear plugs
116	1	Supplies required for the Related Welding Course	Standard pliers
117	1	Supplies required for the Related Welding Course	Mig welding or needle nose pliers
118	1	Supplies required for the Related Welding Course	Shielded metal arc leather and Gas metal arc leather welding gloves

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119	1	Supplies required for the Related Welding Course	Chipping hammer
120	1	Supplies required for the Related Welding Course	Carbon steel wire brush
121	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.
122	1	Supplies required for the Related Welding Course	Pocket flashlight
123	1	Supplies required for the Related Welding Course	Bucket or bag to haul supplies in. No lockers available in welding lab area.
124	1	PPE required for Related Welding Course	100% cotton long sleeve work shirt. To be worn under your flame-resistant jacket. NO HOODIES
125	1	PPE required for Related Welding Course	Flame resistant jacket 100% cotton
126	1	PPE required for Related Welding Course	Fitted jeans with no holes or frays
127	1	PPE required for Related Welding Course	Leather work boots can be steel toed. No sneakers
128	Request tool vendor to deliver tools to Northeast Community College by August 17, 2026, first day of classes.		