

	A	B	C
1	Northeast Community College- Diesel Technology Required Tool Lis (2026)		
2	Classes		
3	Estimated Cost: \$8,000 - \$11,500		
4	Quantity	Category	Description Program Required Tools
5	1		Rollaway tool cabinet with locking drawers (6 drawer minimum, 5" wheels minimum, minimum size 28"W x 19"D x 42"H).
6	1		Top tool chest with locking drawers (minimum size 26"W x 15"D x 17"D)
7	1 set	1/4" Drive Set	6 point sockets (10 sockets) (3/16" through 9/16")
8	1	1/4" Drive Set	Universal joint
9	1	1/4" Drive Set	1 1/4" extension
10	1	1/4" Drive Set	2" extension
11	1	1/4" Drive Set	4" extension
12	1	1/4" Drive Set	6" extension
13	1	1/4" Drive Set	8" extension
14	1	1/4" Drive Set	11" extension
15	1	1/4" Drive Set	5" Ratchet
16	1 set	1/4" Drive Set	6 point sockets (10 sockets) (3/16" through 9/16")-Deep
17	1	1/4" Drive Set	Driver handle
18	1 set	1/4" Drive Set	6 point metric (12 sockets) (5 mm through 15 mm) with 5.5 mm
19	1 set	1/4" Drive Set	6 point deep metric (12 sockets) (5 mm through 15 mm) with 5.5 mm
20	1 set	3/8" Drive Set	6 point sockets (11 sockets) (1/4" through 7/8")
21	1	3/8" Drive Set	Universal joint
22	1	3/8" Drive Set	1 1/2" extension
23	1	3/8" Drive Set	3" extension
24	1	3/8" Drive Set	4" extension
25	1	3/8" Drive Set	6" extension
26	1	3/8" Drive Set	8" extension
27	1	3/8" Drive Set	11" extension
28	1	3/8" Drive Set	8" Ratchet

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29	1 set	3/8" Drive Set	6 point deep sockets (11 sockets) (1/4" through 7/8")
30	1 set	3/8" Drive Set	6 point metric sockets (12 sockets) (8mm through 19mm)
31	1 set	3/8" Drive Set	6 point deep metric sockets (12 sockets) (8mm through 19mm)
32	1 set	3/8" Drive Set	Metric hex bit sockets (11 pieces) 4mm-14mm
33	1	3/8" Drive Set	Torx (12 piece) socket set – T8 through T55
34	1 set	3/8" Drive Set	Standard hex bit sockets (12 pieces) 1/16" – 3/8"
35	1	3/8" Drive Set	Spark plug socket (5/8")
36	1	3/8" Drive Set	Spark plug socket (13/16")
37	1 set	1/2" Drive Set	12 point sockets (15 sockets) (3/8" through 1 1/4")
38	1 set	1/2" Drive Set	12 point metric sockets (13 piece) (12mm through 24mm)
39	1	1/2" Drive Set	4" to 6" extension
40	1	1/2" Drive Set	11" extension
41	1	1/2" Drive Set	18" to 20" flex handle
42	1	1/2" Drive Set	Universal joint
43	1	1/2" Drive Set	Ratchet (reversible)
44	1 set	1/2" Drive Set	1/2" drive deep impact sockets (6 point) (1/2" through 1 1/4")
45	1 set	Combination Wrench Set	Long combination wrench set (17 wrenches) (1/4" through 1 1/4")
46	1	Combination Wrench Set	Adapter (3/8" female by 1/2" male)
47	1	Combination Wrench Set	Adapter (1/2" female by 3/4" male)
48	1	Combination Wrench Set	Adapter (1/4" female by 3/8" male)
49	1	Combination Wrench Set	Adapter (3/8" female by 1/4" male)
50	1	Combination Wrench Set	Adapter (3/4" female by 1/2" male)
51	1	Combination Wrench Set	Vernier caliper dial type (5" to 6" by thousands)
52	1	Combination Wrench Set	Fluke 179 meter or Fluke brand equivalent (must include temperature probe)
53	1	Combination Wrench Set	Micrometer (0" to 1")
54	1	Combination Wrench Set	Soldering Iron (50 Watt minimum)
55	1	Combination Wrench Set	Pipe wrench (16")

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56	1	Combination Wrench Set	Tire PSI Gauge
57	1	Combination Wrench Set	Tire air chuck
58	1	Combination Wrench Set	Dial indicator set (no digital)
59	1	Combination Wrench Set	Tire valve core remover
60	1	Combination Wrench Set	12" hacksaw
61	1	Combination Wrench Set	Putty Knife/Scraper
62	1	Combination Wrench Set	6" US/Met pocket ruler with T bar, stainless steel
63	1	Combination Wrench Set	Tread Depth Gauge
64	1	Combination Wrench Set	Tape Measure 25ft
65	1 set	Combination Wrench Set	Line wrenches (6 point) (10 wrenches, 1/4" through 13/16")
66	1 set	Combination Wrench Set	Line wrenches (6 point) (9mm through 21mm)
67	1	Combination Wrench Set	Adjustable wrench (12")
68	1	Combination Wrench Set	Door Panel Tool
69	1	Combination Wrench Set	Coil-on Spark Plug Tester
70	1	Combination Wrench Set	R-134a Gauge manifold set with 72" hoses with manual tap ends on the hoses
71	1	Combination Wrench Set	Long combination metric wrench set (17 wrenches) (8mm through 24mm)
72	1 set	Screwdriver Set	Standard tip (1/4" x 2", 3/16" x 3", 1/4" x 4", 1/8" x 6", and 3/8" x 8")
73	1 set	Screwdriver Set	Phillips tip (#1, #2, #3 and stubby #2)
74	1	Screwdriver Set	Ratcheting Screwdriver
75	1	Hammers	Ball peen hammer (16 oz.)
76	1	Hammers	Ball peen hammer (32 oz.)
77	1	Hammers	No bounce hammer (24 oz and 48 oz)
78	1	Pliers	8" slip joint pliers
79	1	Pliers	Diagonal cutting pliers (7" minimum)
80	1	Pliers	10" channel lock pliers
81	1	Pliers	7" needle nose pliers
82	1	Pliers	Terminal crimp and wire cutter

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83	1	Pliers	10" grip pliers with curved jaws
84	1	Pliers	Snap ring pliers (90 degree with dimples, 3/32 wide angle tip, 1/8 thick end (approximately 8 1/2 inches long)
85	1 set	Pliers	Minimum 5 piece snap ring pliers set (internal/external)
86	1 set	Chisel and Punch Sets	Chisels (5/16", 3/8", and 1/2")
87	1 set	Chisel and Punch Sets	Starter punches (3/32", 1/8", and 5/32")
88	1 set	Chisel and Punch Sets	Pin punches (3/32", 1/8", and 5/32")
89	1	Chisel and Punch Sets	Center punch (6")
90	1	Chisel and Punch Sets	8" Brass drift punch
91	1	Chisel and Punch Sets	20" Oval Bearing Race Punch
92	1	Chisel and Punch Sets	Punch – long stock 3/4" x 3/8" tip (15" long)
93	1	Chisel and Punch Sets	Bushing Cutter
94	1	Pry Bars	Roll head – line-up pry bar (5/16" by 6"), (1/2" x 12"), (5/8" by 16"), (11/16" by 20")
95	1	Pry Bars	30" Die Setter Pry Bar
96	1 set	Pry Bars	4 piece pry bar with plastic handle (8-24")
97	1	Battery Tools	Battery terminal and cable brush
98	1	Battery Tools	Wire brush
99	1	Miscellaneous Tools	Pair of clear safety glasses
100	1	Miscellaneous Tools	Leather Welding gloves (SMAW) economy grade
101	1 set	Miscellaneous Tools	Hex keys (13 piece with long handles) (1/20" through 3/8")
102	1 set	Miscellaneous Tools	9 piece metric hex key set 1.5 mm through 10 mm
103	1 set	Miscellaneous Tools	O-ring pick set (4 piece)
104	1	Miscellaneous Tools	Circuit tester (power-on)
105	1	Miscellaneous Tools	Blow-gun, rubber tipped
106	1	Miscellaneous Tools	Gasket scraper
107	1	Miscellaneous Tools	Mill file (10") with handle
108	1	Miscellaneous Tools	Rat tail file (8") with handle
109	1	Miscellaneous Tools	Mill file (8") with handle

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110	1	Miscellaneous Tools	Square file (6") with handle
111	1	Miscellaneous Tools	Telescoping flex magnet (16")
112	1	Miscellaneous Tools	Inspection mirror
113	1 set	Miscellaneous Tools	Feeler gauges (.0015" through .035")
114	1 set	Miscellaneous Tools	Feeler gauges bent blade(.006" through .030")
115	1	Miscellaneous Tools	Adjustable utility knife
116	1	Miscellaneous Tools	Adapter (1/2" female by 3/8" male)
117	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.
118	1	Supplies required for the Related Welding Course	Welding cap
119	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.
120	1	Supplies required for the Related Welding Course	Clear safety glasses
121	1	Supplies required for the Related Welding Course	Ear plugs
122	1	Supplies required for the Related Welding Course	Standard pliers
123	1	Supplies required for the Related Welding Course	Mig welding or needle nose pliers
124	1	Supplies required for the Related Welding Course	Shielded metal arc leather and Gas metal arc leather welding gloves
125	1	Supplies required for the Related Welding Course	Chipping hammer
126	1	Supplies required for the Related Welding Course	Carbon steel wire brush
127	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.
128	1	Supplies required for the Related Welding Course	Pocket flashlight
129	1	Supplies required for the Related Welding Course	Bucket or bag to haul supplies in. No lockers available in welding lab area.
130	1	PPE required for Related Welding Course	100% cotton long sleeve work shirt. To be worn under your flame-resistant jacket. NO HOODIES
131	1	PPE required for Related Welding Course	Flame resistant jacket 100% cotton
132	1	PPE required for Related Welding Course	Fitted jeans with no holes or frays
133	1	PPE required for Related Welding Course	Leather work boots can be steel toed. No sneakers
134			Option #1
135	1	Optional Tools (Not Required by Program) Option #1	1/2" impact wrench

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136	1 set	Optional Tools (Not Required by Program) Option #1	Impact sockets (6 point, 7/16" through 1 1/4")
137	1	Optional Tools (Not Required by Program) Option #1	3/8" drive air ratchet
138	1	Optional Tools (Not Required by Program) Option #1	Torque wrench (1/2" drive, 250 lbs.)
139		Optional Tools (Not Required by Program) Option #1	Drill bits
140			Option #2
141	1	Optional Tools (Not Required by Program) Option #2	3/8" drive universal flex sockets (6 point) (7 sockets, 3/8" through 3/4")
142	1	Optional Tools (Not Required by Program) Option #2	Filter wrench (12")
143	1	Optional Tools (Not Required by Program) Option #2	Straight flute screw extractor set (5 piece) (#1 through #5)
144			Option #3
145	1	Optional Tools (Not Required by Program) Option #3	3/4" drive sockets (12 point) (17 sockets, 7/8" through 2")
146	1	Optional Tools (Not Required by Program) Option #3	3/4" extension (8" long) set
147	1	Optional Tools (Not Required by Program) Option #3	3/4" extension (16" long) set
148	1	Optional Tools (Not Required by Program) Option #3	3/4" ratchet (20" to 24" long) set
149	1	Optional Tools (Not Required by Program) Option #3	3/4" flex handle (20" to 24" long) set
150	1	Optional Tools (Not Required by Program) Option #3	Pry (pinch) bar (3/4" x 15/16" wide) (18" to 20" long) 2420A
151	1	Optional Tools (Not Required by Program) Option #3	High speed drill bit set (1/16" through 1/2" reduced shank) DBTR129
152	Request tool vendor to deliver tools to Northeast Community College by August 17, 2026, first day of classes.		