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1	Northeast Community College- Electromechanical Technology Required Tol List (2026)		
2	Tools Required First Day of Classes		
3	Estimated Cost: \$2,000		
4	Quantity	Category	Description Program Required Tools
5			Tool Backpack or Tool Bag (Example: Milwaukee 48-22-8201 or 48-22-8300)
6	1	Personal Protective Equipment	Clear safety glasses (not goggles)
7	1	Personal Protective Equipment	Ear plugs
8	1	Personal Protective Equipment	Leather Gloves
9	1	3/8" Drive Set	6 pt. Standard (1/4" – 7/8")
10	1	3/8" Drive Set	6 pt. Metric (6 – 22 mm)
11	1	3/8" Drive Set	Extension Bars (3" and 6")
12	1	Wrench Sets	11 Standard (1/4" – 7/8")
13	1	Wrench Sets	12 Metric (7, 8, 10 – 19 mm)
14	1	Wrench Sets	Adjustable Wrench 10"
15	1	Nut Driver Set	Standard (1/4", 5/16", 3/8", 7/16", 1/2")
16	1	Screwdriver Set	Phillips #1x 3"
17	1	Screwdriver Set	Phillips #2 x 4"
18	1	Screwdriver Set	Slotted 3/16" x 3"
19	1	Screwdriver Set	Slotted 1/4"x 4"
20	1	Screwdriver Set	Slotted 5/16"x 6"
21	1	Screwdriver Set	Square #1
22	1	Screwdriver Set	Square #2
23	1	Precision Screwdriver Set	Phillips #0 - 2-1/2" precision screwdriver

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24	1	Precision Screwdriver Set	Phillips #00 – 2” precision screwdriver
25	1	Precision Screwdriver Set	Slotted 1/16” – 2-1/2” precision screwdriver
26	1	Precision Screwdriver Set	Slotted 1/8” – 3-1/2” slotted precision screwdriver
27	1	Precision Screwdriver Set	Slotted 3/32 – 2-1/2” precision screwdriver
28	1	Precision Screwdriver Set	Slotted 5/32” – 4” precision screwdriver
29	1	Pliers	Vise Grip Pliers
30	1	Pliers	Long needle nose pliers
31	1	Pliers	10” Slip Joint / Pump Pliers
32	1	Pliers	7” diagonal cutters
33		Pliers	Ball End Hex Key Set
34	1	Pliers	Standard
35	1	Pliers	Metric
36	1	Miscellaneous Tools	Hammer Nylon-Tip (Less than 1 lb.)
37	1	Miscellaneous Tools	Pocket Flashlight
38	1	Miscellaneous Tools	Multifunction Wire Strippers / Cutters 20 to 10 AWG
39	1	Miscellaneous Tools	Wire Connector & Terminal Crimpers
40	1	Miscellaneous Tools	Tape Measure – 25’
41	1	Miscellaneous Tools	Steel Rule: 6” Rigid
42	1	Miscellaneous Tools	Brady M210 Handheld Label Maker or M210 Handheld Label Maker with Accessory Kit
43	1	Miscellaneous Tools	Small Drill Index and Tap Set Combination up to ¼” (Example: BOSCH, Item # BDT11S)
44	1	Miscellaneous Tools	Automatic Center Punch
45	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.
46	1	Supplies required for the Related Welding Course	Welding cap

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47	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.
48	1	Supplies required for the Related Welding Course	Clear safety glasses
49	1	Supplies required for the Related Welding Course	Ear plugs
50	1	Supplies required for the Related Welding Course	Standard pliers
51	1	Supplies required for the Related Welding Course	Mig welding or needle nose pliers
52	1	Supplies required for the Related Welding Course	Shielded metal arc leather and Gas metal arc leather welding gloves
53	1	Supplies required for the Related Welding Course	Chipping hammer
54	1	Supplies required for the Related Welding Course	Carbon steel wire brush
55	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.
56	1	Supplies required for the Related Welding Course	Pocket flashlight
57	1	Supplies required for the Related Welding Course	Bucket or bag to haul supplies in. No lockers available in welding lab area.
58	1	PPE required for Related Welding Course	100% cotton long sleeve work shirt. To be worn under your flame-resistant jacket. NO HOODIES
59	1	PPE required for Related Welding Course	Flame resistant jacket 100% cotton
60	1	PPE required for Related Welding Course	Fitted jeans with no holes or frays
61	1	PPE required for Related Welding Course	Leather work boots can be steel toed. No sneakers