

The following are the required tools for the **Electrical Technology** program. These tools can be purchased from the vendor of your choice. Tools will be inspected prior to being used in the department. The department reserves the right to refuse the use of worn or defective tools or tools which do not conform to the specifications of this list and the department chairperson.

**Required Tools and Equipment**

<u>Qty</u>	<u>Item</u>	<u>Klein Part No.</u>
1	Diagonal-Cutting Pliers, High Leverage, 8in.	J2000-28
1	Wire Stripper 8-20 AWG Solid & 10-20 AWG Stranded	K11095
1	Protective Eyewear, Black Frame, Clear Lens	60161
1	Conduit-fitting and Reaming screwdriver	85191
1	Pliers, Long Nose Side-Cutters, 8 in.	J203-8
1	Adjustable Wrench, Extra-Wide Jaw, 8 in.	D507-8
1	Adjustable Wrench Extra Capacity, 12in	D507-12
1	¼" Screwdriver Heavy Duty Square Shank	600-4
1	3/16" Cabinet Tip Screwdriver 3" Shank	601-3
1	3/16" Cabinet Tip Screwdriver 6-in. Shank	601-6
1	5/16" Screwdriver 6 in. SQ Shank	600-6
1	#1 Phillips Screwdriver, 3 in. Round Shank	603-3
1	#2 Phillips Screwdriver 4" Round Shank	603-4
1	1/4"by 6" round shank screwdriver	605-6
1	Insulated Screwdriver, #2 Square, 4" Shank	6844INS
1	Insulated Screwdriver, #1 Square, 4" Shank	6884INS
1	3/16" rapi-drive screwdriver	670-3
1	High leverage side-cutting pliers – fish tape pulling	J2000-9NETP
1	18 oz. hammer	H80718
1	Hard hat	60100

1	Cable stripper	K1412
1	Cable skinning Utility knife	44218
1	Auto ranging DMM *** – True RMS-	MM450

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1	***Fuse for DMM (2)	69032 & 69033
1	Clamp Meter Klein Fuses 69034 & 69035	CL800
1	Electricians Tool pouch	5241
1	Small File, half round	
1	GFCI Receptacle tester	RT250
1	Magnetic Bubble Level	935AB4V
1	Channel lock Plier 12"	D504-12
1	Channel lock Pliers 10"	D504-10
1	Electronics screwdriver kit or multi-bit	32327 multi, 85615 Kit
1	Large bag, backpack, tote etc. for excess tools outside tool belt	55421BP-14 55421BP14CAMO

1	Steel Fish Tape, 1/8" by 120'	
1	High Leverage cable cutter	
1	L-Style HEX Key Caddy Set 12-piece	
1	L-Style HEX Key Caddy Set Metric, 9-Piece	
1	Pliers, Long Nose Side-Cutters, 6-3/4 in.	
1	Stubby Multi-Bit or 2 Pc combo	32308
1	Magnetic Nut Driver Set 3 in. Shaft, 7 Piece	
1	Scratch awl	
1	25' tape measure	
1	Crimping/cutting tool	
1	Fuse puller	
1	Tap tool	
1	Hacksaw	
1	½" EMT bender	
1	BX & AC cutter with extra blades	

1	Drill bit set	
1	Flashlight and/or head lamp	56028, 56220
1	Wallboard saw	31737
1	Cordless tool set (Impact driver)	BAT20CD1
1	Impact Driver Bit Set	33801

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**INFORMATIONAL NOTES:**

If you are going to research and gather the tools yourself you might want to look at pre-assembled kits and build off of them adding items not included.

When purchasing these tools you will want a bag, backpack, tote, etc. to put your excess tools in. there is limited space in the tool belts. The brand of tools specified on this list are chosen for warranty, quality, and longevity if used properly. **You are not required to pick the brand from the above list.**

**Vendor Information:**

Tool vendors will be available during Registration and Tool Days on campus. Tools may be purchased from **Boettcher Supply, Stanion Wholesale Electric, Border States Electric** and **Home Depot** or where specified tools are sold. Please feel free to contact the Department Chair with questions or for further information.

Please contact the Department Chair, Sam Bailey; [sbailey@ncktc.edu](mailto:sbailey@ncktc.edu) or 785-301-2248, with questions or for further information.

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