



RESIDENTIAL & COMMERCIAL ELECTRICITY

Tool List

For guidance some of the more popular brands in the trade are Klein, Ideal, Milwaukee, or Dewalt. This tool list is broken out into three groups. The first group of items is listed is non brand specific and therefore is the choice of the student. The Second group of items is brand specific. If the student wishes to purchase a different brand there are a list of approved equals at the end of the group. The third group of items is a recommendation, but is not required for the course. Although these tools are not the least expensive tools available they are what the student needs for this course. They are also, in most instances, an acceptable list of tools for the start of their career after graduating. Much thought was put into selecting the right tools to provide for ease of learning, longevity, and for the students safety. If a student has a question about this matter, contact your instructor Tim James at 207-454-1071 or at tjames@mainecc.edu

Required:

1. LAPTOP COMPUTER (WITH BUILT IN WIRELESS, BLUETOOTH, HDMI & USB PORTS, WINDOWS 10, 1 GHZ PROCESSOR, 8GB RAM, 256 OR 500 GB SSD HARD DRIVE)
2. SAFETY GLASSES WITH SIDE SHEILDS
3. STEEL TOED SHOES
4. GLOVES THAT WILL PROTECT THE HANDS FROM CUTS, BUT WILL ALLOW FOR WORKING WITH SMALL PARTS
5. 25 WATT SOLDERING PENCIL
6. SMALL FLASHLIGHT
7. TOOL POUCH AND BELT AND OR TOOL BAG
8. IDEAL #45-615 WIRE STRIPPER WITH SCREW CUTTER
9. IDEAL #35-3012SIDE CUTTING PLIERS W/FISH TAPE PULLER
10. IDEAL #35-3029 DIAGNOL CUTTING PLIERS W/ANGLED HEAD
11. IDEAL #35-038 LONG NOSE PLIERS 6"
12. IDEAL #35-430 TONGUE & GROOVE PLIERS 10"
13. IDEAL #35-440 TONGUE & GROOVE PLIERS 12"
14. IDEAL #30-3429 MULTI-CRIMP TOOL
15. IDEAL #35-083 CONDUIT DEBURING TOOL
16. IDEAL #35-922 TRIPPLE TAP
17. IDEAL #35-202 SCRATCH AWL
18. IDEAL #35-194 #2 PHILLIPS SCREWDRIVER
19. IDEAL #35-186 SLOTTED SCREWDRIVER 3/16 - 6"
20. IDEAL #35-164 SLOTTED SCREWDRIVER ¼" - 4"
21. IDEAL #35-156 SLOTTED SCREWDRIVER 5/16-6"



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Required:

- 22. IDEAL #35-910 10 IN 1 SCREWDRIVER
- 23. DEAL #35-210 ELECTRICIANS HAMMER
- 24. IDEAL #35-205 MAGNETIC TORPEDO LEVEL
- 25. IDEAL #35-242 25' HACKSAW WITH BLADES (24 & 32 TEETH PER INCH)
- 26. IDEAL #35-275 JAB SAW
- 27. IDEAL #35-300 UTILITY KNIFE
- 28. IDEAL #35-286 ELECTRICIANS KNIFE
- 29. BRADY Part#153668 Brady Lockout Kit

Required & Brand Specific:

- 1. KLEIN #CL800 600-amp, 600-volt CLAMP METER
- 2. TEXAS INSTRUMENT Ti-30XA CALCULATOR (Accepted for use with State Examination)

THE ABOVE TOOLS ARE REQUIRED AND IF BRAND AND MODEL ARE SPECIFIED, THEY SHALL BE OF THE BRAND AND MODEL SPECIFIED.

Recommended:

- 1. CORDLESS DRILL (1/2 INCH WITH HAMMER DRILL PREFERRED)