

Tool List

Date:

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Program: * EET: Electronic Engineering Technology

Tool List Information:

Tool Name:	Number Needed:	Approximate Cost of Tool:	Semester Needed:	Upload your document:
	Soldering Pencil (25watt maximum)	\$35.00	Year 1	
Solder wick (copper) (3/32) (.09)	2	\$4.00 - \$7.00	Year 1	
Solder Vacuum tool	1	\$6 - \$30	Year 1	
Multimeter Class II Class III 600VAC-VDC AC DC Amps (200 uA to 10 A) Resistance = 200 ohms to 20 Mohms	1	\$49 - \$80	Year 1	
Screwdriver Set: Phillips #2, #1, #0 Slotted 1/4", 3/16", 1/8" sizes	1	\$10 - \$30	Year 1	
Precision Screwdriver Set Slotted: 1.5, 2.0, 2.5, 3.0mm Phillips: #00, #0, #1	1	\$15 - \$30	Year 1	
Scope Probe (BW 3 MHz at 1X and 100 MHz at X10) with Ground Reference	2	\$20 - \$45	Year 1	
Toolbag/Toolbox small	1	\$12 - \$30	Year 1	
Solder .031 dia., rosin core, 60/40	1	\$22 - \$60	Year 1	
6" Needle Nose Pliers	1	\$7.00 - \$25	Year 1	
6" Flush Cutters	1	\$10 - \$35	Year 1	
Gauged Wire Strippers AWG 22-12	1	\$7 - \$25	Year 1	
6" Adjustable Wrench	1	\$7 - \$17	Year 1	
Safety Glasses	1	\$3.00 - \$16.50	Year 1	
A Microsoft compatible computer is also recommended for these courses but it cannot be a chromebook.	1	\$995.00	Year 1	

Approximate Cost YR 1: * \$465.50 without computer \$1,460.50 with computer

Approximate Cost YR 2: * \$100

Additional Information (places to purchase, etc.)

Online Resources Electronic Express: www.elexp.com Abra Electronics: www.abra-electronics.com Digikey: www.digikey.com Jameco: www.jameco.com Mouser: www.mouser.com Amazon: www.amazon.com Local Retailers Home Depot / Lowes / Most small tools and some meters can be found here. Walmart: Most small tools can be found here. This is the minimum list required for the student's success in the program. Some of the students' personal outside projects may require special tools or parts not covered by this list. The student is not required to have a high-end set of tools to complete course work. In the field a tool set for electronic technicians start between \$500 and \$700. Many sets can be higher due to specialized tools for some fields. Many times the screwdrivers and pliers can be found in sets from \$12 to \$20. The Scope probes can be purchased online for about \$16. You may already have some of these tools and it is acceptable to use items you have with instructor approval. PLEASE NOTE: These Tool lists are subject to change, students are encouraged to check with their Instructor during the summer months to see if the tool list has undergone any updates.