Electronic Technology and Biomedical Equipment Technology
Tool List

If you should have any questions concerning the tool list, below are the contacts for the Biomedical Equipment Technology and Electronic Technology instructors.

Biomedical Equipment Technology- Allan Miller: 570-702-8971: amiller@johnson.edu
Electronic Technology- Rick Fornes: 570-702-8970: rfornes@johnson.edu

Soldering Pencil (25watt maximum)	$35.00	Toolbag/Toolbox small	$12 -$30
Solder wick (copper) (3/32) (.09)	$4.00 - $7.00	Solder .031 dia., rosin core, 60/40	$22 - $60
Solder Vacuum tool	$6 - $30	6" Needle Nose Pliers	$7.00 - $25
Multimeter Class II Class III 600VAC-VDC AC-DC Amps (200 uA to 10 A) Resistance = 200 ohms to 20 Mohms	$49 - $80	6" Flush Cutters	$10 - $35
Screwdriver Set: Phillips #2, #1, #0 Slotted 1/4", 3/16", 1/8" sizes	$10 - $30	Gauged Wire Strippers AWG 22-12	$7 - $25
Precision Screwdriver Set Slotted: 1.5, 2.0, 2.5, 3.0mm Phillips: #00, #0, #1	$15 - $30	6" Adjustable Wrench	$7 - $17
Scope Probe (BW 3 MHz at 1X and 100 MHz at X10) with Ground Reference	$20 - $45	Safety Glasses	$3.00 - $16.50
A Microsoft compatible computer is also recommended for these courses but it cannot be a <u>chromebook.</u>			$995

Additional parts or tools may be necessary for repair and/or special projects

Total cost for 2 years ~ $1,202.00 – $1,460.50 with computer
$207.00 – $465.50 without computer

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.