

**Mechatronics TOOL LIST**

Rev. 4/18/22

<u>ITEM</u>	<u>QUAN.</u>	<u>DESCRIPTION</u>
1.	1	25-30 watt soldering iron, pencil type, (not gun type)
2.	1	Desoldering tool (solder sucker)
3.	1 roll	Solder: 60-40Tin-Lead Solder, rosin core. (Not lead free) 1/16" dia. or similar size
4.	1	Linesman Pliers
5.	1	Wire cutters, miniature (flush cut, not large ones!)
6.	1	Wire stripper/cutter
7.	1	Needlenose pliers (mini long nose)
8.	1	Adjustable Wrench 8"
9.		Test Lead set with alligator clips
10.	1	Digital Multimeter <b>Klein Tools MM400</b> (Auto-ranging, ohms, diode check, AC & DC: volts, current)
11.	1	Electrical Circuit tester such as Kleine #RT110
12.	1 set	Screwdrivers, standard & phillips assortment (phillips: #1, #2, standard assortment 1/8-1/4)
13.	1	Scientific calculator (Must have SIN, COS, TAN keys)
14.	1	Safety glasses
15.	1	Small tool box or bag
16.	1 roll	Electrical tape
17.	1	Combination lock
18.	1	12" Ruler
19.	4 (Minimum)	<b>Uniform shirts:</b> maroon color shirt with student name and shop name
20.	1	<b>Uniform Sweat Shirt-</b> Black crew neck with students name and shop

Dear Student or Parent,

Enclosed is the required tool list for the electronics course at Bristol T.E.C. The student is required to have these tools by the start of school.

The multi-meter purchased should be the model specified: **Klein Tools MM400**. It can be purchased at Home Depot or Amazon. The other tools can be found at Home Depot, Sears, Harbor Freight, Ocean State Job Lot, Amazon or other on-line sources.

The students are also required to wear a uniform shirt. They can be purchased at **CT Uniform**. When calling, specify **Bristol TEC Mechatronics shirt**:

Ask to speak to Melissa or Carlton. Order form is attached.

Item #1 short sleeve polo shirt (maroon)-\$20.00

Item #2 long sleeve polo shirt (maroon) - \$24.00

Item #3 Crew neck sweat shirt (black) -\$20.00

For XXL- XXXXXL= +\$3

Please order shirts by August 1 to receive them by the start of school. The shirt color is maroon with silver lettering.

Most of the students prefer the short sleeve polo shirt (#1) and can wear the shop sweat shirt (#3) over it when the shop is cool (no other outer wear is allowed in the shop). The shirts and sweatshirt will be embroidered Mechatronics on one side and the students name on the other. Students should purchase at least four shirts and one sweatshirt and wash them regularly. The students should also wear clean blue jeans (without any tears or logos). No sagging jeans. As cooler weather approaches students will have the option to purchase a shop jacket. Foot wear should consist of sturdy tie shoes or work boots (no open toes or slip-ons).

Other requirements for the course include: a notebook, a good supply of pens and pencils and a highlighter.

Have a wonderful summer. I'm looking forward to meeting you in the fall.

Sincerely,

Brian Kelleher  
Mechatronics Department Head



**Bristol TEC Mechatronics- Maroon/Black**

Please pay in full when order is placed. Check/Money Order made payable to **Connecticut Uniform**. We also offer PayPal as a form of payment. No orders will be processed without prepayment. Prices include embroidery and tax. We also have work pants (\$23-\$27) available upon request. Please fill in form clearly. If you have any questions or would like to come for a fitting, we can be reached at:

Connecticut Uniform  
 567 Watertown Ave.  
 Waterbury, CT 06708  
 (203) 573-9898

Short Sleeve Prices: \$20 (XS - XL), \$23(2XL-++Sizes)  
 Long Sleeve Prices \$24 (XS - XL)-\$27 (2XL-++Sizes)  
 Crew Neck Sweatshirt Prices \$20 (XS - XL)-\$23 (2xl-+Sizes)

<b>Short Sleeve (Maroon)</b>	<b>Size</b>	<b>Qty</b>	<b>Price</b>	<b>Total</b>
XS-XL	_____	_____	\$20.00	\$_____
2X-5X	_____	_____	\$23.00	\$_____
<b>Long Sleeve (Maroon)</b>	<b>Size</b>	<b>Qty</b>	<b>Price</b>	<b>Total</b>
XS-XL	_____	_____	\$24.00	\$_____
2X-5X	_____	_____	\$27.00	\$_____
<b>Crew Neck Sweatshirt (Black)</b>	<b>Size</b>	<b>Qty</b>	<b>Price</b>	<b>Total</b>
XS-XL	_____	_____	\$20.00	\$_____
2X-5X	_____	_____	\$23.00	\$_____
			<b>Total Charge</b>	\$_____

Print your first name as it is to appear on your shirts: \_\_\_\_\_

Students Full Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Payment (please circle):      **Credit** (please call CTU)      **Check**      **PayPal**

**PayPal** (email/ phone number attached to account) \_\_\_\_\_