

BlueStamp Engineering Student Bill of Materials (BOM)

Please fill this out for all parts that will be required for your project.

If you cannot find information, move on and ask your instructor when emailing this to them.

Item #	Description	Vendor	Part Number	Qty	Unit Cost	Total Cost	Link to Where to Purchase	Received
1	MG946R Servo	Amazon		5	\$9.90	\$49.50	https://www.amazon.com/RioRand	No
2	4.5 Inch Flex Sensors	MicroController F	SEN-08606	5	\$12.95	\$64.75	http://microcontrollershop.com/pro	yes
3	Arduino Uno R3	Amazon		1	\$19.99	\$19.99	https://www.amazon.com/Arduino-	Yes
4	22k resistor (10 pack)	Amazon		1	\$5.78	\$5.78	https://www.amazon.com/Projects-	Yes
5	7.2v battery	Amazon		1	\$21.99	\$21.99	https://www.amazon.com/Tenergy-	Yes
6	Half-size breadboard	Adafruit		1	\$5.00	\$5.00	https://www.adafruit.com/product/6	Yes
7	Standard Tamiya battery connector	AA Portable Pow	CN-TMFM	1	\$1.50	\$1.50	http://www.batteryspace.com/Conr	No (male version received)
8	Breadboard jumper wires (x20)	Adafruit		1	\$1.95	\$1.95	https://www.adafruit.com/product/1	yes
9	Small blank PCB	Ebay		1	\$0.99	\$0.99	https://www.ebay.com/p/Electronic	yes
10	Thermax glove liner	RefrigiWear		1	\$3.25	\$3.25	https://www.refrigiwear.com/produ	yes
11	8mm diameter 55mm length bolt	Multinational Par	HWB0055-8	1	\$7.03	\$7.03	https://multinationalparts.com/prod	No
12	8mm diameter 60mm length bolt	Bolt Depot		1	\$0.50	\$0.50	https://www.boltdepot.com/Product	No
13	8mm diameter 80mm length bolt	Bolt Depot		1	\$4.11	\$4.11	https://www.boltdepot.com/Product	No
14	3mm diameter 20mm length screw	Bolt Depot		14	\$0.10	\$1.40	https://www.boltdepot.com/Product	No
15	4mm diameter 20mm length screw	Bolt Depot		20	\$0.07	\$1.40	https://www.boltdepot.com/Product	No
16	Braided Kevlar line	Ebay		1	\$9.99	\$9.99	https://www.ebay.com/p/100ft-200l	No
17	3D printed parts						http://www.instructables.com/id/DI	No
18	Clinchers			5			(step 2)	yes