

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	Cost
1	Microcontroller Board Compatible with Arduino	Emartee	41952	1	\$29.98
2	TowerPro MG995 Servo	Amazon	31422S	3	\$20.25
3	HS-645MG Ultra Torque Servo	ServoCity	32645S	1	\$29.99
4	Breadboard	All Electronics	SB-400	1	\$5.00
5	Servo Gripper	Jameco	358811	1	\$16.95
6	USB Cable	Amazon	F3U133-03	1	\$4.99
7	Power Supply 6V 3A	ServoCity	6V35A-PS	1	\$24.99
8	Potentiometer	Amazon	a13061400ux04 44	1	\$2.49
9	L-Shaped Aluminum (Thickness - 1/8" Length - 48")	McMaster-Carr	8982k134	1	\$16.50
10	Aluminum Bar (Thickness - 1/8" Width - 2" Length - 6'	McMaster-Carr	8975k582	1	\$11.35
11	Zip Ties	Amazon	B00VGYZRWK	1	\$5.76

Link to Where to Purchase		
http://www.emartee.com/product/41952/Roboduino%20With%20Atmega328%20(Freeduino)		
https://www.amazon.com/Tower-MG995-Metal-Speed-Torque/dp/B0098M4R4Q		
https://www.servocity.com/html/hs-645mg_ultra_torque.html#.V5YKFpMrKRs		
http://www.allelectronics.com/make-a-store/item/sb-400/400-point-solderable-breadboard/1.html		
http://www.jameco.com/webapp/wcs/stores/servlet/ProductDisplay?search_type=jamecoall&catalogId=10001&freeText=358811&langId=-1&produ		
http://www.amazon.com/Belkin-3FT-USB-Device-Cable/dp/B00004Z5IU?ie=UTF8&*Version*=1&*entries*=0		
https://www.servocity.com/html/6v__3a_power_supply.html#.V1RIh5MrJE5		
http://www.amazon.com/uxcell%C2%AE-Adjustment-Single-Linear-Potentiometer/dp/B00E1IKGC4/ref=zg_bs_306810011_3		
http://www.mcmaster.com/#catalog/120/3665/=s5m5wd		
http://www.mcmaster.com/#catalog/120/3655/=s5m8u6		
http://www.amazon.com/Black-Cable-Zip-Ties-Inches-Strong/dp/B00VGYZRWK/ref=sr_1_8?s=industrial&ie=UTF8&qid=1465144781&sr=1-8&key		