

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		
	Main Project								
1	Plastic Depron 9" x 12"	Michaels		4	\$0.99	\$3.96	https://www.googleadservices.com/pagead/aclick?sa=		
2	Servo	Futaba		1	\$13.97	\$13.97	https://www.amazon.com/Futaba-FUTM0031-S3003		
3	55m EDF motor	Ebay		2	\$19.99	\$39.98	https://www.ebay.com/p/55mm-Duct-Fan-3500kv-Br		
4	11.1V 1000mah lipo battery	Tenergy		1	\$24.99	\$24.99	https://power.tenergy.com/tenergy-airsoft-li-po-11-1v		
5	Arduino Nano	Amazon		2	\$8.99	\$17.98	https://www.amazon.com/ATmega328P-Microcontro		
6	Skywalker 40a esc	Skywalker		2	\$12.49	\$24.98	https://www.hobbypartz.com/07e-skywalker-40a.htm		
7	On/Off switch	Mouser		1	\$0.97	\$0.97	https://www.mouser.com/ProductDetail/E-Switch/RR		
8	Joystick	Americas		1	\$6.80	\$6.80	https://americas.rsdelivers.com/product/parallax-inc/		
9	Pushbutton	Allied Electronics		1	\$0.10	\$0.10	https://www.alliedelec.com/product/te-connectivity/fs		
10	Perf board (24 set)	Amazon		1	\$8.99	\$8.99	https://www.amazon.com/Teenitor-Prototype-Projec		
11	NRF24L01 (10 pcs)	Amazon		1	\$11.98	\$11.98	https://www.amazon.com/Arduino-NRF24L01-2-4GHz		
12	Nuts and Bolts	Fry's		1	\$3.99	\$3.99	https://www.frys.com/product/5016445?store=3&gclid=		
13	6v battery packs			2	\$7.99	\$15.98	https://www.google.com/shopping/product/75196834		
14	Male to Male wires								
15	Male to Female wires								
16	Female to Female wires								
17	Wood piece for controller								
18	Zip ties								