

## 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	Link to Where to Purchase
1	elegoo	Amazon	Uno R3	1	\$11.86	<a href="https://www.amazon.com/Elegoo-EL-CB-001-ATmega328P-ATMEGA16U2-Arduino/dp/B01EWOE0UU/ref=sr_1_8?s=electronics&amp;ie=UTF8&amp;qid=1526962923&amp;sr=1-8&amp;keywords=elegoo">https://www.amazon.com/Elegoo-EL-CB-001-ATmega328P-ATMEGA16U2-Arduino/dp/B01EWOE0UU/ref=sr_1_8?s=electronics&amp;ie=UTF8&amp;qid=1526962923&amp;sr=1-8&amp;keywords=elegoo</a>
3	Breadboard			1		
4	PCB			1		
5	Qunqi L293D Motor Drive Shield For Arduino Duemilano	Amazon		1	\$7.89	<a href="https://www.amazon.com/Qunqi-L293D-Shield-Arduino-Duemilano/dp/B014KN2898/ref=sr_1_2_sspa?s=electronics&amp;ie=UTF8&amp;qid=1526842724&amp;sr=1-2_spons&amp;keywords=arduino+motor+shield&amp;psc=1">https://www.amazon.com/Qunqi-L293D-Shield-Arduino-Duemilano/dp/B014KN2898/ref=sr_1_2_sspa?s=electronics&amp;ie=UTF8&amp;qid=1526842724&amp;sr=1-2_spons&amp;keywords=arduino+motor+shield&amp;psc=1</a>
6	TowerPro SG90 9G Mini Servo with Accessories	Amazon		1	\$4.99	<a href="https://www.amazon.com/TowerPro-SG90-Mini-Servo-Accessories/dp/B001CFUBN8/ref=sr_1_7?ie=UTF8&amp;qid=1526843091&amp;sr=8-7&amp;keywords=Mini+Servo+Motor">https://www.amazon.com/TowerPro-SG90-Mini-Servo-Accessories/dp/B001CFUBN8/ref=sr_1_7?ie=UTF8&amp;qid=1526843091&amp;sr=8-7&amp;keywords=Mini+Servo+Motor</a>
7	Asus 24x DVD-RW Serial-ATA Internal OEM Optical Drive	Amazon		2	\$19.99	<a href="https://www.amazon.com/Asus-Serial-ATA-Internal-Optical-DRW-24B1ST/dp/B0033Z2BAQ/ref=sr_1_4?ie=UTF8&amp;qid=1526843746&amp;sr=8-4&amp;keywords=CD+drive">https://www.amazon.com/Asus-Serial-ATA-Internal-Optical-DRW-24B1ST/dp/B0033Z2BAQ/ref=sr_1_4?ie=UTF8&amp;qid=1526843746&amp;sr=8-4&amp;keywords=CD+drive</a>
8	Screw Terminals 5mm Pitch (2-Pin)	Sparkfun	8432	4	\$0.95	<a href="https://www.sparkfun.com/products/8432">https://www.sparkfun.com/products/8432</a>
9	acrylic	McMaster carr	8560K359	2	\$11.65	<a href="https://www.mcmaster.com/#acrylic/=1cxe2eh">https://www.mcmaster.com/#acrylic/=1cxe2eh</a>
					Total: \$101.91	