

About

Welcome to the ENES100 School Store, your one-stop shop for commonly-used OTV hardware! The School Store is open during normal staffed ENES100 hours (i.e., your section's time and open lab hours) and will be located in the middle of the two labs, JMP 1120 and 1116. The School Store was created to make the OTV project more sustainable while saving you money. The Keystone department has collected and saved hundreds of OTV parts from past ENES100 teams that are now available for you to "purchase". At the end of the semester, you will return the parts to the School Store for future teams to use.



Budget, Available Products, and Pricing

Each mission team has a budget of 60 School Store Silver coins. The stock list and their respective prices can be found below:

Product	Price	Per-team Limit
Arduino Uno	\$8	3
Arduino Mega	\$20	1
Motor Driver	\$3	None
Battery	\$15	1
Servos	\$3	None
Motors	\$45 per set (in bags)	1
Ultrasonic Distance Sensor	\$1	None
Large Wheels, Omni Wheels	\$6 each	None
Standard Wheels	\$4 each	None
Caster Wheels	\$3 each	2
Breadboard	\$1	None
Tamiya Connector	\$4	None

Since the parts here have been used by previous ENES100 teams, there are no guarantees that School Store Batteries or Arduinos work. After purchasing, try to get soldered/wired as soon as possible to test them. If they are faulty or fried, please return to the School Store to replace them within 5 calendar days. If your team fries an Arduino, you must buy another one, but remember, your team may only buy up to 3 arduino unos and 1 arduino mega from the School Store for the semester. An arduino that is faulty or fried upon purchasing from the School Store does not count toward the 3 arduino uno and/or 1 arduino mega limit.

Procedure

When you would like to purchase a part from the school store, you must do so with a UTF or an LTF on duty. The TF will scan the UID of one of your team members to register your team. You will choose a team PIN and enter one email address that will be associated with your whole team. Once your UID is registered, your team will keep using this ID for all future transactions. To purchase items, the TF will scan each part's respective barcode, attached to the school store cart, and then check you out. Once you have used your 60 School Store Silver, the system will not allow your team to successfully check out any additional items.