

CET 4925 Course Project – Websites to Purchase Parts/Supplies

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- **Vendors in town (shipping can be fast):**

1. Adafruit.com (One of the best electronics vendors in the US! Officed around City Hall with address of 80 Nassau St. Suite4C, New York, NY 10038. Plant and warehouse are located in west SoHo. Adafruit was ranked #1 in NYC by Inc. 5000 "fastest growing private companies" in 2014. No local storefront for physical shopping and orders must be made online. But shipping is fast.)
2. MicroCenter.com (a fast growing computer/electronics vendor in NYC, particularly after RadioShack shut down. Fine collection in electronics parts/supplies. Has a frontstore in Greenwood of Brooklyn (20~30min away from City Tech by subway); offers physical shopping opportunity, good for urgent need and immediate shopping. Online shopping is good as well!)
3. TinkerSphere.com (a small but fine electronics and hardware store located in East Village. Good news: it has a local store which is close to Cooper Union with address of "304 E5th St." in Manhattan although it is very small.)

- **Top Vendors (out of town) with broad collections:**

1. SeeedStudio.com (a fast growing game changer located in Shenzhen, China. Good price with large and good collection! Excellent tech documentation. Close collaboration with Intel! **#1 recommended for IoT hardware needs!**)
2. SparkFun.com (one of the best electronics vendors in the US, **highly recommended!** Has a large collection of Intel Edison board, sensors, electronic/electrical parts, Located in Utah. Excellent customer service.)
3. DFRobot.com (another fast growing game changer from China, located in Shanghai, open source, large collection, offers very good price and fast shipping through DHL, **highly recommended!**)
4. Pololu.com (another good electronics vendors in the US, **highly recommended!**)
5. <https://www.jameco.com/c/Robotics.html> (The robot store of Jameco (one of the top electronics vendors, see below.)

- **Top Electronics Vendors (nation-wide): Plenty of ICs, electronic devices, passive/active components, and electrical supplies:**

1. *Mouser Electronics (mouser.com) (also has many types of sensors)*
2. *jameco.com*
3. *Arrow Electronics (arrow.com)*
4. *digitkey.com*
5. *Newark element14, sometimes called Newark Electronics (newark.com)*

- **Other Related Sites:**

1. *Makeshed.com* (The official store of the Maker Magazine. Associated with the project sites of Maker Magazine: *makeprojects.com*)

- **The Ultimate Two “Bad Boys”:**

1. *eBay.com* (Good to order mechanical parts and electrical supplies, but not ICs, Arduino, etc. Pay attention to the shipping.)
2. *Amazon.com* (Pay close attention to the remark of “Sold by ...” on the webpage. Suggest to order items sold by Amazon itself. For fast shipping, Amazon Prime is recommended. **6-month free Prime Student** account is available!)