EES Mission

To provide students, faculty, and staff a source for electronics parts, and electronic design and production services that promote, support, and enhance the mission of the College of Engineering.

Engineering Electronics Shop
2018 Seamans Center
8:00am-noon & 12:30-4:30pm
Monday - Friday

http://www.engineering.uiowa.edu/ees
eshop@uiowa.edu
319-335-5759; 319-335-5761

Fall 2014
What is the Engineering Electronics Shop (EES)?

The Engineering Electronics Shop (EES), 2018 Seamans Center, has three functions: 1) to keep an inventory of electronics and computer parts and office supplies for sale to UI students, staff, and faculty; 2) to design and fabricate electronic equipment; and 3) to maintain college laboratory equipment.

In fiscal 2013-14 the Electronics Shop sold more than $443,000 in parts and provided about $63,000 in labor.

What You Will Find in the EES

Electronics, computer and office supplies
- cables [coax fiber optic, ribbon, audio, multi-conductor]
- flash drives
- special functions ICs
- transformers
- potentiometers
- batteries [lithium, alkaline...]
- diodes
- printer cartridges
- pens
- capacitors
- crystals
- fuses
- chemical cleaners
- connectors
- motors and fans
- wire
- inductors
- printed circuit boards
- soldering and desoldering tips
- transistors
- and much more...

Work Done in the EES

Design and Construction – circuit board fabrication; laser etching and cutting; dye-sublimation printing; surface mount rework; equipment calibration and repair; PC board construction

Other Services - locker rental; part kits for ECE labs.

EES staff designed the security system for the 2301 computer lab; the entrance door is on electronic hold open 7:30am-5:30pm and after 5:30 allows entry via access card.

EES staff have used the Universal Laser etcher/printer to cut props used in a UI Theater production, engrave staff name tags and laptop identification numbers; etch recipient information on staff longevity awards; create face plates for research equipment; create the “Landfill” signs over the trash bins.

The EES people and parts are in 2018 SC. The EES web site, http://www.engineering.uiowa.edu/ees, has video tutorials (http://www.engineering.uiowa.edu/ees/ees-instructional-videos) about Multisim, soldering, and LabVIEW; links to manufacturer’s logos; several parts data sheets; and articles about various work done by the EES.

The on-line catalog of inventory is on the web at:
http://www.engineering.uiowa.edu/ees/services/ees-sales-parts-catalog