ECE Design Studio Policy

Design Studio Purpose

The ECE Design Studio is an instructional laboratory that provides resources to those in ECE 4805/6 and the AMP Lab to aid in the development of their projects. If you can do your project at home, you don't need the resources of the Design Studio.

The Design Studio and the AMP Lab are separate entities but they share the same entrance door.

It is not a study hall or party room.

Students in ECE 4805/6 should consider reserving weekly meeting space in the Design Studio Conference Room.

Design Studio Access

In order to be authorized to use the Design Studio, you must be one of the following:

* Currently enrolled in ECE 4805/6
* Active member of the AMP Lab
* Temporary Access is available for Advanced Soldering
* Swipe Access is not required for Basic solder training

Design Studio Food Policy

No food or drinks are permitted in the Design Studio.

* Your water bottle is OK.
* You may eat in the Conference Room.

Buddy System

Between 8 am and 5 pm, Monday through Friday, you may work alone. **Any other hours, you must have a buddy accompanying you.** In the event you are injured, your buddy will be able to call for help.

* A guest may be a buddy.
* The authorized user is responsible for the proper behavior of the guest.

Soldering

After passing the Safety Quiz and the Soldering Quiz, many ECE students may use the shared soldering equipment. This includes ECE 4805/6 and ECE 4205/6 students, IEEE students, and others by permission.

AMP Lab students must pass basic soldering certification to use the shared soldering equipment.

If you need help, ask certified AMP Lab students.

ECE students may take basic soldering certification. Contact one of the AMP Lab soldering instructors.

**Safety glasses must be worn at all times while soldering.**

***Not adhering to the safety protocol is considered an offense.***

Equipment Relocation

Students may move instruments from one bench to another if that instrument is not currently being used by another student. Return to original location when done.

Only ECE faculty members are allowed to move instructional lab equipment from one lab to another.

Equipment Treatment

The Design Studio contains expensive, precision electrical test equipment that can easily be damaged. We encourage everyone to use this equipment but if you’re not familiar with the correct operation, don’t make any attempts! Ask your professor/mentor/colleague for help.

***Abusing equipment is considered an offense.***

Material Handling

Students may need to use various materials (metal/plastic/wood) in the completion of their projects.

Do not use the workbenches in the Design Studio as a material cutting platform. Shavings and debris can damage the equipment.

The AMP Lab contains a dedicated workbench for such purpose. It has a wooden top and is located along the wall in front of the advanced soldering room.

Offenders

- In a private meeting, we make sure an authorized user understands the offense.

- A repeated offense results in expulsion from the lab for at least one semester.