

Requesting a Bench in the Omron Senior Design and Robotics Lab

The **Omron Senior Design and Robotics Lab** in rooms S391/393 Engineering Building 1 houses the following facilities:

- seven large workbenches (6'x3')
- three small workbenches (5'x2.5')
- Omron PLC (Programmable Logic Control) NJ500 training station
- one large workbench for use with PLC projects
- soldering station
- cabinet storage for general parts and supplies
- Creality CR-10 S5 3-D printer
- small locker storage (in the hall outside the lab)

The lab is maintained by the Senior Design Lab Manager.

Lab benches are clearly limited in number, and priority use will be given to Senior Design II (ECE 4336) students. If benches remain after 4336 students have been assigned to them, Senior Design I (ECE 4335) students can claim the remainder.

Locker storage is also available. There are 27 lockers with approximate dimensions of 22"x10"x18".

To access a locker, send email to Dr. Len Trombetta (Ltrombetta@uh.edu). Dr. Trombetta will refer you to the Senior Design Lab Manager, who will assign a locker and provide a combination lock.

To request a lab bench: fill out the form on the next page and send it to Dr. Len Trombetta (Ltrombetta@uh.edu). If you are assigned a bench, Dr. Trombetta will refer you to the Senior Design Lab Manager to get you settled into the lab.

Senior Design Lab Bench Request

To request a work bench in the senior design lab, please provide the following information.

Team Name or Project Title:

Team leader name and contact information:

Team member names:

Project description:

Briefly describe your project, and indicate the type of equipment you expect to be storing in the lab. Consider also the following:

- Will you need to store large items (things that do not fit easily on the bench)?
- What measurement equipment will you require? Do you need a computer?
- Are there other special considerations that we should know about: will you be using liquids, chemicals, high power devices...?