

LAB SAFETY AND INFORMATION

Welcome to our (almost) new lab-based environmental science class. Lab sections will meet in room 206 of the Ocean Teaching Building (OTB-206), a.k.a., the Teaching Lab. Most of the experiments will **not** involve any dangerous chemicals or equipment, however you must always **be aware** of the situation around you and exercise **common sense** to keep yourself and fellow class members from being injured. One injury in a lab class can ruin your whole day (or life), so practice **safety first**.

The lab has some **basic safety gear** you should know about:

- Safety glasses for eye protection are in the drawer above cupboard #23 (NW - under windows),
- First Aid kit is in a white box on the wall to the left of the south door,
- Eye-wash system is the on north edge of the middle sink,
- Overhead wash down system is in the ceiling near the eye-wash,
- Chemical spill clean-up items are in the right-hand glass-door cabinet,
- Broken glass box is under the sink near the fume-hood (even if something is just cracked, put it there so nothing shatters and no one is cut especially the janitor emptying the trash),
- Nearest phone to call 9-911 is across the hall in Room 209 (or downstairs in the admin office).

Please **DO NOT**:

- Leave anything unattended that is being heated,
- Touch any instrumentation you have not been shown how to use,
- Look directly into a laser beam (if you're using one, be sure it has a beam-dump around it),
- Turn on any of the gas or air spigots unless instructed to do so,
- Combine electricity & water (particularly salt water) by spilling on power supplies or plug strips.

Please **DO**:

- Point out anything that seems amiss or dangerous to an instructor,
- Think about effective use of space...there's a lot of you and not so much lab,
- Ask for tools, instruments and materials: they are in drawers, cupboards or bins around the lab,
- Clean up your space at the end of class and put things away,
- Leave tanks upside down so the bottoms are not scratched.

We have hand tools for building apparatus: please consult with the instructors to become familiar with them and the mechanical work area.

For storage of personal gear (or lab set-ups), there are 16 cupboards under the windows (labeled #6-21). Please use these to keep the lab counter-tops clear of un-used stuff (like backpacks, etc.)

Because this is a relatively new course, we're experimenting a bit on how these projects make the most effective learning situations, so please bear with us as we learn too.

And don't forget to **THINK CREATIVELY** and **HAVE FUN!**