

## Day 1: Introduction and Equipment Check-In.

### General lab rules:

Never pour anything except water into the sinks – all other liquids and solids are considered hazardous waste.

### Waste disposal:

Dispose of all waste in the proper containers. Your TA will point out the proper Waste containers.

Regular trash: no glass or chemicals – ever.

Glass waste box: broken glass only! No chemical waste or regular trash.

Waste hood: liquid waste bottle, solid waste jar

### Safety equipment:

Eyewash station: if a chemical gets into your eyes, immediately alert your TA in a loud voice – do not be shy! Have nearby students help if necessary.

Your TA will lead you to the eyewash station, turn on the water, and help you hold your eyes in the fountain for 15 minutes. You will then go to the health center. Always rinse your eyes if you get chemicals in them – the damage could be permanent.

Safety shower: the safety shower is used only in extreme emergencies when you have spilled large amounts of chemicals onto your body.

Again, alert your TA, who will decide whether you need the safety shower or can safely rinse at a sink. You will need to remove contaminated clothing. Do not be shy – your health and safety is more important than temporary embarrassment. All students should be supportive and respectful of anyone in an emergency Situation.

Never use the safety shower unless it is absolutely required. It will flood the floor with 55 gallons of water.

### Cleanup:

Before leaving the lab each day you should put away all your equipment and fully clean your hood and bench work areas. The TA will check that you have done so. Failure to clean your area will result in loss of lab technique points on your lab report grade.

*Make sure that your TA signs your notebook before you leave the lab.*

### Check in:

Compare the equipment in your drawer with the apparatus list provided. Pictures of the equipment will be on the center bench and are posted on the web. The microscale equipment pictures are labeled with letters matching those on the list.

Place any extra items into the plastic bin on the supply bench.

Replace any items that are missing. Your TA will point out the specific locations of replacement equipment you might need.

Lock your drawer and keep the key for the semester. You may leave your safety glasses in your drawer if you wish to do so.

Before leaving, be sure to give your signed apparatus list to your TA.