

Experiment 0

Check-In and Safety Procedures

I. Before the Laboratory Period

Study the Safety Regulations and General Laboratory Instructions.

II. Checking-in equipment

1. Obtain a lock, pair of goggles, and lab notebook from your instructor. (These will be automatically charged to your term bills.) If you already have a lock or pair of goggles that you would like to use, let your instructor know.

If you forget or lose your combination in the future, you will have the following alternatives. You can obtain a new lock (which will be charged to your term bill), you can ask your instructor to open your locker for you (for a charge of \$1). If you forget your goggles, you can borrow a pair for \$1. The collected money goes toward the “forgetful student fund” and will be used for the end-of-the-year picnic.

2. Go through your locker and check that all of the glassware and equipment contained there is clean and in good order. If there is any doubt about the acceptability of the apparatus, consult the instructor.
3. Compare the equipment in the desk with the list at the back of your lab manual. Return any excess items to your instructor. Obtain any missing items from the stockroom. **At the end of the year you will be charged for missing or broken apparatus, so you should check the equipment carefully.**
4. When your locker is complete, sign the equipment checklist and return it to the instructor.

III. Make micro stirrers and pipettes

1. From the glass rod provided cut two pieces with your triangular file that are a little longer than the small test tubes in your locker. Firepolish both ends with a Bunsen burner. Be careful: Do not burn yourself. Hot glass looks just like cold glass.
2. Shorten three pipette tips to better fit your small test tubes.

You will use this additional glassware in Experiment 2/3

