

Day 1

After checking in, you will perform a second semester technique experiment . . .

Column Chromatography: The Separation of Ferrocene and Acetylferrocene

Do your prelab exactly as you did with the technique experiments in Chem-267. This report is informal. All other reports are formal and are to be typed except the prelab, in lab observations and postlab questions (these can be answered in your notebook and turned in with your report).

What do you need to do before coming to lab today for this experiment?

Have a **good prelab outline**.

You will not be allowed to work unless you have a **well prepared prelab outline**.

Now it is time to get started . . .

1. Go to ISB 255 entrance and find your name on the list, write down locker number and appropriate module (255C, D, or E). Go down hallway to orange entrance.
2. For 255D and E, turn left. You enter in 255 C.
3. Put on eye protection, find your drawer.
4. Meet and listen to your TA's talk about safety and check-in procedure, and their prelab talk about the experiment.
5. Check equipment against list, replace missing/broken equipment (see pictures on website of lab equipment), keep locker key for semester, give TA signed check-in list and sign the safety handout.
6. Perform experiment.

When finished, clean up your work area. Be sure to turn off all electrical devices and all other utilities (air, vacuum, water) and get TA signature.

Before next lab

In the same way, prepare for the next experiment.