

Day 1: What do you need to do before coming to lab today?

Check-In

Be familiar with the equipment list on the 'Day 1' page of our website. Print pictures if needed/wanted. Now, time for day one's experiments . . .

Melting Point Experiment

1. Read the assigned pages posted of the lab text on the course website. Print out any supplemental materials from the schedule of experiments page.
2. Complete the course policy, safety and the pre-lab Melting Point OWLs.
3. Prepare a good prelab outline (read the technique-experiment-prelab-example on the "general handouts" page) in your Electronic Lab Notebook (ELN).
 - Test of a good outline? Could you do the experiment using *only* your outline?
4. Purchase your lab coat from the Campus Center store, and wear proper lab attire (see the safety dress code handout on the course webpage). You will not be allowed to work in the lab if you are not properly dressed.

If you have not done the pre-lab write up, you will not be allowed to work in the lab.

Now it is time to get started . . .

1. Go to specified prelab lecture room at 1:25. After the short introduction and prelab lecture . . .
2. Go to ISB 255 entrance and find your name on the list, write down drawer number and appropriate module (255A, B, C, D, or E). Go down hallway to orange entrance.
3. For 255A and B, turn right. You enter in 255 C.
4. Find your drawer.
5. Meet and listen to TA's talk about safety and check-in procedure, and their prelab talk about MP.
6. Check equipment against list, replace missing/broken equipment (see figs in chapt 1 of lab text for pictures of equipment), keep drawer key for semester, give TA signed check-in list and sign the safety handout.
7. Perform MP experiment.

When finished, clean up your work area. Be sure to turn off all electrical devices and all other utilities (air, vacuum, water) and make sure your TA signs their "student of to leave" roster.

When you are finished reading this document, go back to the course website. Read all documents that are left in the general handouts page and the check-in and melting point page

Before next lab

Do melting point experiment postlab OWL assignment. Complete the post-lab report in your ELN for melting point; prepare for Thin-Layer Chromatography experiment as you did for melting point. Repeat for remainder of semester. Submit MP post-lab (pdf) to Gradescope by the due date.