

CHEM 351 LABORATORY ORIENTATION

The primary objectives of this laboratory orientation session are:

1. to give you the opportunity to meet your TA before the week of the first experiment when things are certain to be busier,
2. to give you the chance to get inside your organic chemistry teaching laboratory to see how it is laid out,
3. learn more about how the laboratory sessions operate and our expectations.
4. Try your hands at following a couple of procedures to set up equipment to do both an:
 - [Extraction](#) with a separatory funnel
 - [Vacuum Filtration](#)

You will get the chance to find out where critical parts of the laboratory are such where do you put your bags and coats, where are the waste stations, and where are the weighing balances and other equipment located within the room.

Your TA will talk to you about how the laboratory sessions operate, what you need to do to be successful *before*, *during* and *after* an experiment. The TAs will also talk to you about various key areas of the laboratory and how to work safely in the laboratory using important laboratory equipment (including fumehoods).

The TA will review the laboratory specific safety related issues in addition to safety procedures and policies (such as reviewing the location of safety equipment, what to do in the case of emergency, evacuation routes *etc*).

We will also take the opportunity to remind you of some basic laboratory skills that students often are performing incorrectly.

Therefore, it is in your best interests to attend your scheduled laboratory time, and make sure you go to the correct laboratory location.

Prior to the orientation session, you should read the main section of the [Chem 351 student manual](#) and come prepared with questions for your TA.

We remind you that all Chem 351 students are required to have completed and passed the University of Calgary Chemistry Laboratory Safety course (see the D2L Laboratory content folder for details on how to complete this course). Students are not allowed to participate in **any** experimental work until they have completed and passed the safety course prior and will get a grade of **zero** for the work missed during this time.