



Chemistry 211 Laboratories, Fall 2025

Important Information for All Students

Lab Location: **Fir 310**

First Laboratory Session (mandatory – you will begin the first experiment this session):

Lab Section	Date & Time
CHEM 211 L1	Wednesday, September 10 th 11:30 AM
CHEM 211 L2	Wednesday, September 10 th 4:00 PM
CHEM 211 L3	Friday, September 12 th 11:30 AM
CHEM 211 L4	Thursday, September 11 th 4:00 PM

The first lab will begin with locker and key assignments. The Student Contract, on page 15 of the laboratory manual must be completed, signed and submitted on your arrival in the laboratory. **You will then begin the first experiment of Chemistry 211 (see over).** The laboratory schedule will be available at that time; it can also be viewed at our lab resources website (see link overleaf) and eLearn.

Before coming to the first lab session you must acquire the following items and bring them with you to lab:

- **Laboratory Manual** – the laboratory manual for CHEM 211 is available at the bookstore (see overleaf).
- **Eye Protection** – available at the bookstore and at various commercial outlets.

The wearing of adequate eye protection (safety glasses or goggles) in the chemistry laboratory is compulsory. **STUDENTS ARE NOT ALLOWED TO DO EXPERIMENTS WITHOUT ADEQUATE EYE PROTECTION.** Safety glasses are the recommended eyewear in the chemistry laboratories, for more information on eye protection please visit our lab support website (see over).

Contact lenses should not be worn in the laboratories. **Students who wear contact lenses** must be especially aware of Rule A3 of the department's laboratory regulations as set out in Appendix 1 of the Laboratory Manual (see below). If you wear contact lenses and do not have prescription glasses that can be worn instead while in the laboratory, you should inform your laboratory supervisor during the first session. You will be required to wear safety *goggles*.

- **Laboratory Notebook** – available at the bookstore (see overleaf). This notebook must have **duplicate pages, either carbon-copy or carbonless**, and will be used exclusively for the Chemistry 211 laboratory.
- **Laboratory Coat** – mandatory for all students in second year chemistry laboratories. These are available at the bookstore and at various commercial outlets.

FIRST LABORATORY SESSION REQUIRED PREPARATION
Experiment 1 – Physical Properties

COME PREPARED - DO ALL OF THE FOLLOWING BEFORE ATTENDING:

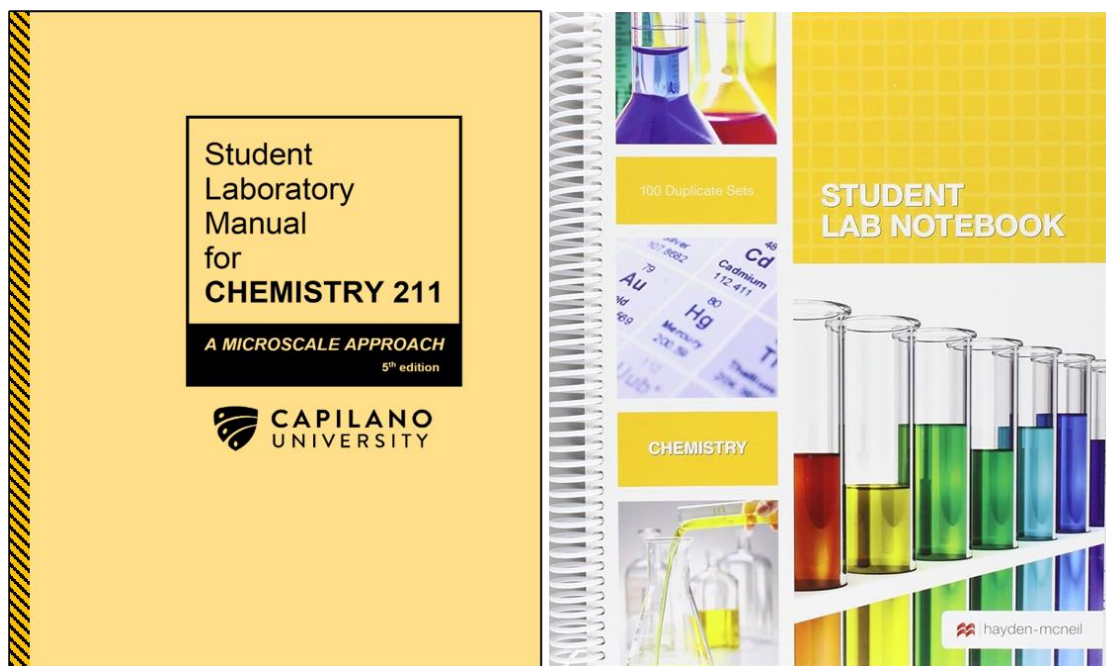
- ▶ **Bring** all items listed above
- ▶ **Read** *Exp 1: Physical Properties* in the lab manual.
 - In reading the above, you may be directed to read other relevant sections in the lab manual
- ▶ **IT IS YOUR RESPONSIBILITY TO BE PREPARED FOR ALL LAB SESSIONS**
 - In general, notebook preparation should include: **date, title, objective, applicable balanced reaction equations** (with structures), **tables of relevant physical constants**, and **tables for recording raw data**.
 - Refer to pages 3 – 8 in the lab manual for general guidelines on notebook preparation, and pages 17 – 19 for guidelines specific to Experiment 1.

Your laboratory notebook will be checked for your preparation during this session. As is the case with other experiments, your preparation is part of the evaluation process and marks are allocated accordingly.

Further laboratory-related information is available on the CHEM 211 eLearn site, or via our Laboratories Web site at:

<http://capuchem.ca/labs/labs-211.html>

Should you have any questions or problems regarding your chemistry laboratories, please e-mail Matt B. at matthewberry@capilano.ca.



Available at the Capilano University Bookstore