

CH 265L LABORATORY SCHEDULE--Revised
Spring 2025
Monday 1:25-4:45

| Date | Activity | Glassware to Submit (Clean and Dry, Labelled with Drawer Number) |
|----------------|---|---|
| Jan 13 & 20 | No Lab (1 st day of class; MLK Day) | |
| Jan 27 | Lab orientation and Check In Homework Assignment (Counts as 1 Lab Experiment) | One Weighting Bottle for Lab 2 (Unk. Sulfate) |
| Feb 3 | Lab 1: Glassware Calibration and Precision Prep for Lab 2: Sulfate Determination (Steps 1-3) | |
| Feb 10 | Lab 2: Sulfate Determination (Steps 4-8) | |
| Feb 17 | Continue with Lab 2: Sulfate Determination (Step 9) | Two weighing bottles for Lab 3 (CaCO ₃ , Soda Ash) |
| Feb 24 | Finish Lab 2: Sulfate Determination (Step 10) Begin Lab 3: Acid/Base Titration (Parts A & B) Put Na ₂ CO ₃ and unknown in oven for next week | |
| Mar 3 | No Lab (Spring Break) | |
| Mar 10 | Finish Lab 3: Acid/Base Titration (Parts C & D) | One weighing bottle for Lab 4 (Expt 4 Unknown) |
| Mar 17 | Lab 4: Potentiometric Titration | |
| Mar 24 | Lab 5: Buffers | 250 mL vol flask for Expt 6 (Seawater Concentrate) |
| Mar 31 | Lab 6: EDTA Titration | One weighing bottle for Expt 7 (Steel) |
| Apr 7 | Group A: Lab 7: Mn Determination via Visible Spectroscopy Group B: Lab 8: Determination of 2-Propanol via Gas Chromatography | |
| Apr 14 | Group A: Lab 8: Determination of 2-Propanol via Gas Chromatography Group B: Lab 7: Mn Determination via Visible Spectroscopy | |
| Apr 21 | Check Out and Lab Final Exam | |
| Apr 28 | ACS Analytical Exam | |

REPORTS ARE DUE 1 CALENDAR WEEK AFTER COMPLETION OF EXPERIMENT, UNLESS OTHERWISE NOTED.

Bold Text indicates when a lab is starting, so a pre-lab is due.

April 28 is the last day any reports will be accepted.

NOTE: The instructor reserves the right to change the dates listed above to allow for unforeseen circumstances which might occur during the semester. Sufficient notification will be given.