

# CH 265L LABORATORY SCHEDULE

Fall 2024

Monday 1:25-4:45

Date	Activity	Glassware to Submit (Clean and Dry, Labelled with Drawer Number)
Aug 26	Lab orientation and Check In Homework Assignment (Counts as 1 Lab Experiment)	
Sept 2	Labor Day (No Lab)	
Sept 9	<b>Lab 1:</b> Glassware Calibration and Precision	Two weighing bottles for Lab 3
Sept 16	Begin <b>Lab 3:</b> Acid/Base Titration (Parts A & B) Put Na <sub>2</sub> CO <sub>3</sub> and unknown in oven for next week	
Sept 23	Finish Lab 3: Acid/Base Titration (Parts C & D)	One weighing bottle for Expt 2 and one for Expt 4
Sept 30	<b>Lab 4:</b> Potentiometric Titration Prep for Lab 2: Sulfate Determination (Steps 1-3)	
Oct 7	<b>Lab 2:</b> Sulfate Determination (Steps 4-8)	
Oct 14	Continue with Lab 2: Sulfate Determination (Step 9)	One weighing bottle for Expt 5 and 250 mL vol flask for Expt 6
Oct 21	Finish Lab 2: Sulfate Determination (Step 10) Group A: <b>Lab 5:</b> Cu determination via Redox Titration (Parts A & B) Group B: <b>Lab 6:</b> Mg determination via EDTA Titration	
Oct 28	Group A: Lab 6: Mg determination via EDTA Titration Group B: Lab 5: Cu determination via Redox Titration (Parts A & B)	
Nov 4	Expt. 5 - Cu determination via Redox Titration (Parts C, D, & E)	Two weighing bottles for Lab 7
Nov 11	Group A: <b>Lab 7:</b> Mn Determination via Visible Spectroscopy Group B: <b>Lab 8:</b> Determination of 2-Propanol via Gas Chromatography	
Nov 18	Group A: Lab 8: Determination of 2-Propanol via Gas Chromatography Group B: Lab 7: Mn Determination via Visible Spectroscopy	
Nov 25	Lab Final / Practicum Check Out	
Dec 2	No Lab	

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.

November 25 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.