

CHEMISTRY 105, Fall 2025

Experiment Dates Friday Lab

Experiment	Date
NO in-person LABS – Students must purchase Labflow	08/29
Lab 00: Course Policies & Safety Procedures (MANDATORY attendance – Labflow REQUIRED)	09/05
Lab 0: Laboratory Orientation and Safety (MANDATORY attendance)	09/12
Lab 1: Selecting the Correct Mohr Pipet	09/19
Lab 2: Standardizing a Solution	09/25
Lab 3: Spectroscopic Analysis of Aspirin	10/03
Lab 4: Determination of Acetylsalicylic Acid in Aspirin	10/10
Lab 5: Buffers	10/17
Lab 6: Determining the pKa of an Acid (Dry Lab - Personal device with Microsoft Excel recommended for use during the lab session)	10/24
Lab 7: MMLI –Molecule Maker Lab	10/31
Lab 8: Gibbs Free Energy	11/07
Lab 9: Electrochemistry	11/14
Lab 10: Differential Rate Laws	11/21
NO LABS – Thanksgiving/Fall Break	11/28
Lab 11: Integrated Rate Laws	12/05

PreLab HW Dates: Friday Lab

All HW due by 11:59 PM in Labflow

PreLab HW for	Due
Required Introductory Assignments*	09/11
Lab 1 (Mohr Pipet)	09/18
Lab 2 (Standardizing)	09/25
Lab 3 (Spec Analysis of Aspirin)	10/02
Lab 4 (Det. Acetylsalicylic in Aspirin)	10/09
Lab 5 (Buffers)	10/16
Lab 6 (pKa of Acid)	10/23
Lab 7 (MMLI)	10/30
Lab 8 (Free Energy)	11/06
Lab 9 (Electrochemistry)	11/13
Lab 10 (Differential Rate Law)	11/20
Lab 11 (Integrated Rate Law)	12/04

PostLab HW Dates: Friday Lab

All HW due by 11:59 PM in Labflow Except Final Week

PostLab HW for	Due
Lab 00 (Policies and Procedures)	09/11
Lab 0 (Orientation and Safety) *	09/18
Lab 1 (Mohr Pipet)	09/25
Lab 2 (Standardizing)	10/02
Lab 3 (Spec Analysis of Aspirin)	10/09
Lab 4 (Det. Acetylsalicylic in Aspirin)	10/16
Lab 5 (Buffers)	10/23
Lab 6 (pKa of Acid)	10/30
Lab 7 (MMLI)	11/06
Lab 8 (Free Energy)	11/13
Lab 9 (Electrochemistry)	11/20
Lab 10 (Differential Rate Law)	12/04
Lab 11 (Integrated Rate Law)	**12/10

***Students must complete the Course Policy Assignment and Safety Quiz in Labflow BEFORE LAB 1 in order to attend lab and gain access to the rest of the course in Labflow.**

*****PLEASE NOTE THIS CHANGE IN the POSTLAB 11 deadline: All students in Lab sections that meet on Thursday AND Friday have a Postlab 11 deadline of 11:59PM, Wednesday, December 10. Lab assignments will not be due on Reading Day (December 12).***

******The Bonus assignment is open from 8am, November 24 through 11:59pm, December 10. No extensions or excused absences will be granted for this assignment.***