

CHEMISTRY 103, Spring 2025 Tuesday Schedule

Experiment Dates

| Experiment | Date |
|--|-------|
| NO in-person LABS – Students must purchase Labflow and complete the 4 Introductory Assignments in Labflow this week, before attending Lab 0 | 01/21 |
| NO in-person LABS – Students must purchase Labflow and complete the 4 Introductory Assignments in Labflow this week, before attending Lab 0 | 01/28 |
| Lab 0: Laboratory Orientation and Safety (MANDATORY) | 02/04 |
| Lab 1: Laboratory Equipment and the Balance | 02/11 |
| Lab 2: Molecule Maker Lab | 02/18 |
| Lab 3: The Mohr Pipet, Serial Dilutions, and Standard Curves | 02/25 |
| Lab 4: Beer's Law and Food Dyes | 03/04 |
| Lab 5: Titrations and the Buret | 03/11 |
| No Labs – Spring Break | 03/18 |
| Lab 6: The Empirical Formula | 03/25 |
| Lab 7: Determining the Molar Mass of an Unknown Solution | 04/01 |
| Lab 8: Calorimetry and Enthalpies of Solution | 04/08 |
| Lab 9: Using the Calorimeter to Measure Changes of State | 04/15 |
| Lab 10 Enthalpy of Formation of Magnesium Oxide and Hess's Law | 04/22 |
| Lab 11: LeChatelier's Principle | 04/29 |

PreLab HW Dates:

All HW due by 11:59 PM in Labflow

| PreLab HW for | Due |
|------------------------------------|-------|
| Required Introductory Assignments* | 02/03 |
| Lab 1 (Equipment) | 02/10 |
| Lab 2 (MML) | 02/17 |
| Lab 3 (Mohr Pipet) | 02/24 |
| Lab 4 (Beer's Law) | 03/03 |
| Lab 5 (Titrations) | 03/10 |
| Lab 6 (Empirical Formula) | 03/24 |
| Lab 7 (Molar Mass) | 03/31 |
| Lab 8 (Enthalpies of Solution) | 04/07 |
| Lab 9 (Changes of State) | 04/14 |
| Lab 10 (Hess Law) | 04/21 |
| Lab 11 (LeChatelier) | 04/28 |

PostLab HW Dates:

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

| PostLab HW for | Due |
|----------------------------------|-------|
| Lab 0 (Orientation and Safety) * | 02/10 |
| Lab 1 (Equipment) | 02/17 |
| Lab 2 (MML) | 02/24 |
| Lab 3 (Mohr Pipet) | 03/03 |
| Lab 4 (Beer's Law) | 03/10 |
| Lab 5 (Titrations) | 03/24 |
| Lab 6 (Empirical Formula) | 03/31 |
| Lab 7 (Molar Mass) | 04/07 |
| Lab 8 (Enthalpies of Solution) | 04/14 |
| Lab 9 (Changes of State) | 04/21 |
| Lab 10 (Hess Law) | 04/28 |
| Lab 11 (LeChatelier) | 05/05 |

***Students must complete the Course Policy Assignment and Safety Quiz in Labflow BEFORE LAB 0 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, May 7. Lab assignments will not be due on Reading Day (May 8).**