

CHEMISTRY 103, Spring 2024 Friday Schedule

Experiment Dates –

| Experiment | Date |
|---|------|
| NO LABS –Course Policy, Safety Video/Quiz OPEN for completion | 1/19 |
| NO LABS –Course Policy, Safety Video/Quiz OPEN for completion | 1/26 |
| Lab 0: Laboratory Orientation and Safety (MANDATORY) | 2/02 |
| Lab 1: Laboratory Equipment | 2/09 |
| Lab 2: Serial Dilutions and Standard Curves | 2/16 |
| Lab 3: Titrations | 2/23 |
| Lab 4: Beer's Law and Food Dyes | 3/01 |
| Lab 5: Empirical Formulas – Virtual Lab, Provisional Data Provided | 3/08 |
| NO LABS – SPRING BREAK | 3/15 |
| Lab 6: Determining the Molar Mass of an Unknown Solution | 3/22 |
| Lab 7: Calorimetry and Enthalpies of Solution | 3/29 |
| Lab 8: Using Calorimetry to Measure Changes of State | 4/05 |
| Lab 9: Enthalpy of Formation of Magnesium Oxide and Hess's Law | 4/12 |
| Lab 10: LeChatelier's Principle | 4/19 |
| Lab 11: Det. the Value of an Eq. Constant for a Chem. Reaction | 4/26 |

PreLab HW Dates

All HW due by 11:59 PM on Labflow

| PreLab HW For: | Due |
|------------------------------|------|
| Lab 0 (Policies/Safety)* | 2/01 |
| Lab 1 (Equipment) | 2/08 |
| Lab 2 (Serial Dilutions) | 2/15 |
| Lab 3 (Titrations) | 2/22 |
| Lab 4 (Beer's Law) | 2/29 |
| Lab 5 (Empirical) | 3/07 |
| Lab 6 (Molar Mass) | 3/21 |
| Lab 7 (Enthalpy of Solution) | 3/28 |
| Lab 8 (Change in State) | 4/04 |
| Lab 9 (Hess's Law) | 4/11 |
| Lab 10 (Le Châtelier's) | 4/18 |
| Lab 11 (Keq) | 4/25 |

PostLab HW Dates

All HW due by 11:59 PM on Labflow

| PostLab HW For: | Due |
|------------------------------|--------|
| Lab 0 (Policies/Safety)* | 2/08 |
| Lab 1 (Equipment) | 2/15 |
| Lab 2 (Serial Dilutions) | 2/22 |
| Lab 3 (Titrations) | 2/29 |
| Lab 4 (Beer's Law) | 3/07 |
| Lab 5 (Empirical) | 3/21 |
| Lab 6 (Molar Mass) | 3/28 |
| Lab 7 (Enthalpy of Solution) | 4/04 |
| Lab 8 (Change in State) | 4/11 |
| Lab 9 (Hess's Law) | 4/18 |
| Lab 10 (Le Châtelier's) | 4/25 |
| Lab 11 (Keq) | 5/01** |

***Students must complete the Course Policy Assignment and Safety Quiz in order to gain access to the rest of the course in Labflow. Student may not attend Lab 0 if these assignments are not complete.**

****For Friday sections, Postlab 11 is due 11:59PM Wednesday, May 1.**