

## CHEMISTRY 103, Spring 2024 Tuesday Schedule

### Experiment Dates –

Experiment	Date
<b>NO LABS –Course Policy, Safety Video/Quiz OPEN for completion</b>	1/16
<b>NO LABS –Course Policy, Safety Video/Quiz OPEN for completion</b>	1/23
Lab 0: Laboratory Orientation and Safety (MANDATORY)	1/30
Lab 1: Laboratory Equipment	2/06
Lab 2: Serial Dilutions and Standard Curves	2/13
Lab 3: Titrations	2/20
Lab 4: Beer's Law and Food Dyes	2/27
Lab 5: Empirical Formulas – <b>Virtual Lab, Provisional Data Provided</b>	3/05
<b>NO LABS – SPRING BREAK</b>	3/12
Lab 6: Determining the Molar Mass of an Unknown Solution	3/19
Lab 7: Calorimetry and Enthalpies of Solution	3/26
Lab 8: Using Calorimetry to Measure Changes of State	4/02
Lab 9: Enthalpy of Formation of Magnesium Oxide and Hess's Law	4/09
Lab 10: LeChatelier's Principle	4/16
Lab 11: Det. the Value of an Eq. Constant for a Chem. Reaction	4/23

### PreLab HW Dates

All HW due by 11:59 PM on Labflow

PreLab HW For:	Due
Lab 0 (Policies/Safety)*	1/29
Lab 1 (Equipment)	2/05
Lab 2 (Serial Dilutions)	2/12
Lab 3 (Titrations)	2/19
Lab 4 (Beer's Law)	2/26
Lab 5 (Empirical)	3/04
Lab 6 (Molar Mass)	3/18
Lab 7 (Enthalpy of Solution)	3/25
Lab 8 (Change in State)	4/01
Lab 9 (Hess's Law)	4/08
Lab 10 (Le Châtelier's)	4/15
Lab 11 (Keq)	4/22

### PostLab HW Dates

All HW due by 11:59 PM on Labflow

PostLab HW For:	Due
Lab 0 (Policies/Safety)*	2/05
Lab 1 (Equipment)	2/12
Lab 2 (Serial Dilutions)	2/19
Lab 3 (Titrations)	2/26
Lab 4 (Beer's Law)	3/04
Lab 5 (Empirical)	3/18
Lab 6 (Molar Mass)	3/25
Lab 7 (Enthalpy of Solution)	4/01
Lab 8 (Change in State)	4/08
Lab 9 (Hess's Law)	4/15
Lab 10 (Le Châtelier's)	4/22
Lab 11 (Keq)	4/29

***\*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.***