

## CHEMISTRY 103, Spring 2024 Thursday Schedule

### Experiment Dates –

Experiment	Date
<b>NO LABS –Course Policy, Safety Video/Quiz OPEN for completion</b>	1/18
<b>NO LABS –Course Policy, Safety Video/Quiz OPEN for completion</b>	1/25
Lab 0: Laboratory Orientation and Safety (MANDATORY)	2/01
Lab 1: Laboratory Equipment	2/08
Lab 2: Serial Dilutions and Standard Curves	2/15
Lab 3: Titrations	2/22
Lab 4: Beer's Law and Food Dyes	2/29
Lab 5: Empirical Formulas – <b>Virtual Lab, Provisional Data Provided</b>	3/07
<b>NO LABS – SPRING BREAK</b>	3/14
Lab 6: Determining the Molar Mass of an Unknown Solution	3/21
Lab 7: Calorimetry and Enthalpies of Solution	3/28
Lab 8: Using Calorimetry to Measure Changes of State	4/04
Lab 9: Enthalpy of Formation of Magnesium Oxide and Hess's Law	4/11
Lab 10: LeChatelier's Principle	4/18
Lab 11: Det. the Value of an Eq. Constant for a Chem. Reaction	4/25

### PreLab HW Dates

All HW due by 11:59 PM on Labflow

PreLab HW For:	Due
Lab 0 (Policies/Safety)*	1/31
Lab 1 (Equipment)	2/07
Lab 2 (Serial Dilutions)	2/14
Lab 3 (Titrations)	2/21
Lab 4 (Beer's Law)	2/28
Lab 5 (Empirical)	3/06
Lab 6 (Molar Mass)	3/20
Lab 7 (Enthalpy of Solution)	3/27
Lab 8 (Change in State)	4/03
Lab 9 (Hess's Law)	4/10
Lab 10 (Le Châtelier's)	4/17
Lab 11 (Keq)	4/24

### PostLab HW Dates

All HW due by 11:59 PM on Labflow

PostLab HW For:	Due
Lab 0 (Policies/Safety)*	2/07
Lab 1 (Equipment)	2/14
Lab 2 (Serial Dilutions)	2/21
Lab 3 (Titrations)	2/28
Lab 4 (Beer's Law)	3/06
Lab 5 (Empirical)	3/20
Lab 6 (Molar Mass)	3/27
Lab 7 (Enthalpy of Solution)	4/03
Lab 8 (Change in State)	4/10
Lab 9 (Hess's Law)	4/17
Lab 10 (Le Châtelier's)	4/24
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.***