

CHEMISTRY 103, Spring 2024 Wednesday Schedule

Experiment Dates –

Experiment	Date
NO LABS –Course Policy, Safety Video/Quiz OPEN for completion	1/17
NO LABS –Course Policy, Safety Video/Quiz OPEN for completion	1/24
Lab 0: Laboratory Orientation and Safety (MANDATORY)	1/31
Lab 1: Laboratory Equipment	2/07
Lab 2: Serial Dilutions and Standard Curves	2/14
Lab 3: Titrations	2/21
Lab 4: Beer's Law and Food Dyes	2/28
Lab 5: Empirical Formulas – Virtual Lab, Provisional Data Provided	3/06
NO LABS – SPRING BREAK	3/13
Lab 6: Determining the Molar Mass of an Unknown Solution	3/20
Lab 7: Calorimetry and Enthalpies of Solution	3/27
Lab 8: Using Calorimetry to Measure Changes of State	4/03
Lab 9: Enthalpy of Formation of Magnesium Oxide and Hess's Law	4/10
Lab 10: LeChatelier's Principle	4/17
Lab 11: Det. the Value of an Eq. Constant for a Chem. Reaction	4/24

PreLab HW Dates

All HW due by 11:59 PM on Labflow

PreLab HW For:	Due
Lab 0 (Policies/Safety)*	1/30
Lab 1 (Equipment)	2/06
Lab 2 (Serial Dilutions)	2/13
Lab 3 (Titrations)	2/20
Lab 4 (Beer's Law)	2/27
Lab 5 (Empirical)	3/05
Lab 6 (Molar Mass)	3/19
Lab 7 (Enthalpy of Solution)	3/26
Lab 8 (Change in State)	4/02
Lab 9 (Hess's Law)	4/09
Lab 10 (Le Châtelier's)	4/16
Lab 11 (Keq)	4/23

PostLab HW Dates

All HW due by 11:59 PM on Labflow

PostLab HW For:	Due
Lab 0 (Policies/Safety)*	2/06
Lab 1 (Equipment)	2/13
Lab 2 (Serial Dilutions)	2/20
Lab 3 (Titrations)	2/27
Lab 4 (Beer's Law)	3/05
Lab 5 (Empirical)	3/19
Lab 6 (Molar Mass)	3/26
Lab 7 (Enthalpy of Solution)	4/02
Lab 8 (Change in State)	4/09
Lab 9 (Hess's Law)	4/16
Lab 10 (Le Châtelier's)	4/23
Lab 11 (Keq)	4/30

****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.***