

# CHEMISTRY 103, FALL 2018

## Experiment Dates

Experiment	Date
Lab will not meet this week	August 30
Mandatory Check-In/Lab Orientation for all 103 students	September 13
Lab 1: The Density of Water and Data Analysis	September 20
Lab 2: Determining the Composition of a Salt Solution	September 27
Lab 3: Beer's Law and Food Dyes	October 4
Lab 4: Spect. Analysis of Lemon-Lime Kool-Aid	October 11
Lab 5: The Stoichiometry of Baking Soda	October 18
Lab 7: Calorimetry and Enthalpy of Dissolving	October 25
Lab 8: Using Calorimetry to Measure Changes of State	November 1
Lab 9: Hess's Law	November 8
Lab 10: LeChâtelier's Principle	November 15
Lab 11: Det. the Value of an Eq. Constant for a Chem. Reaction	November 29
Lab 12: Determination of a Solubility Product, $K_{sp}$	December 6

## PreLab HW Dates

All HW due by 10:00 pm on Lon-Capa

PreLab HW For:	Due
Lab 1 (Density)	September 19
Lab 2 (Soln)	September 26
Lab 3 (Beer's Law)	No prelab
Lab 4 (Kool-Aid)	October 10
Lab 5 (Stoich)	October 17
Lab 7 (Cal. Diss.)	October 24
Lab 8 (Cal. State)	October 31
Lab 9 (Hess's Law)	November 7
Lab 10 (LeChât)	November 14
Lab 11 (Eq. Const.)	November 28
Lab 12 (Solubility)	December 5

## PostLab HW Dates

All HW due by 5:00 pm on Lon-Capa

PostLab HW For:	Due
Lab 1 (Density)	September 26
Lab 2 (Soln)	October 3
Lab 3 (Beer's Law)	October 10
Lab 4 (Kool-Aid)	October 17
Lab 5 (Stoich)	October 24
Lab 7 (Cal. Diss.)	October 31
Lab 8 (Cal. State)	November 7
Lab 9 (Hess's Law)	November 14
Lab 10 (LeChât)	November 28
Lab 11 (Eq. Const.)	December 5
Lab 12 (Solubility)	December 12

\*\* NOTE: The PostLab assignment for Lab 12: Determination of a Solubility Product is DUE by 5PM on or before Reading Day, December 13. \*\*