

# CHEMISTRY 103, FALL 2018

## Experiment Dates

Experiment	Date
Lab will not meet this week	August 31
Mandatory Check-In/Lab Orientation for all 103 students	September 14
Lab 1: The Density of Water and Data Analysis	September 21
Lab 2: Determining the Composition of a Salt Solution	September 28
Lab 3: Beer's Law and Food Dyes	October 5
Lab 4: Spect. Analysis of Lemon-Lime Kool-Aid	October 12
Lab 5: The Stoichiometry of Baking Soda	October 19
Lab 7: Calorimetry and Enthalpy of Dissolving	October 26
Lab 8: Using Calorimetry to Measure Changes of State	November 2
Lab 9: Hess's Law	November 9
Lab 10: LeChâtelier's Principle	November 16
Lab 11: Det. the Value of an Eq. Constant for a Chem. Reaction	November 30
Lab 12: Determination of a Solubility Product, $K_{sp}$	December 7

## PreLab HW Dates

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

PreLab HW For:	Due
Lab 1 (Density)	September 20
Lab 2 (Soln)	September 27
Lab 3 (Beer's Law)	No prelab
Lab 4 (Kool-Aid)	October 11
Lab 5 (Stoich)	October 18
Lab 7 (Cal. Diss.)	October 25
Lab 8 (Cal. State)	November 1
Lab 9 (Hess's Law)	November 8
Lab 10 (LeChât)	November 15
Lab 11 (Eq. Const.)	November 29
Lab 12 (Solubility)	December 6

## PostLab HW Dates

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

PostLab HW For:	Due
Lab 1 (Density)	September 27
Lab 2 (Soln)	October 4
Lab 3 (Beer's Law)	October 11
Lab 4 (Kool-Aid)	October 18
Lab 5 (Stoich)	October 25
Lab 7 (Cal. Diss.)	November 1
Lab 8 (Cal. State)	November 8
Lab 9 (Hess's Law)	November 15
Lab 10 (LeChât)	November 29
Lab 11 (Eq. Const.)	December 6
Lab 12 (Solubility)	December 13

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