

CHM 130IN Laboratory Schedule – Spring 2013

Laboratory Manual: CHM 130 Laboratory, Catalyst, the Pearson custom library for chemistry, Pearson Learning Systems, 2013

Date Week of:	Experiment
Jan 14	Meet your instructor. General lab information. No experiment.
Jan 22	Safety and Check-in Conversion factors in calculations
Jan 29	Exp 1: Density and Specific Gravity
Feb 5	Exp 2: Atomic Structure
Feb 12	Exp 3: Electron Configuration and Periodic Properties
Feb 19	Rodeo week. No labs
Feb 26	Exp 4: Compounds and their Formulas
Mar 5	Exp 5: Chemical Reactions and Equations
Mar 12	Spring break. No Labs
Mar 19	Exp 6: Testing for Cations and Anions
Mar 26	Exp 7: Moles and Chemical Formulas
Apr 2	Exp 8: Solutions, Electrolytes and Concentrations
Apr 9	Exp 9: Soluble and Insoluble Salts
Apr 16	Exp 10: Solutions, Colloids and Suspensions
Apr 23	Exp 11: Acid-base Titration
Apr 30	Exp 12: Reaction Rates and Equilibrium; Check-out
May 7	Final Exam week. No Labs

LABORATORY SAFETY

Laboratory safety is a major component of working in a chemical laboratory. At the beginning of the semester, you are given a safety lecture and a safety exam. You are required to pass the laboratory exam with a grade of 90% or better.

You must abide by the safety rules during the semester. This includes wearing safety goggles when working with chemicals, wearing closed shoes, not sandals or flip-flops, appropriate dress, and following proper methods of chemical disposal. Non-compliance may result in you're being asked to leave the laboratory with a grade of zero for that day.