

# Chem 103: Chemistry I, Fall 2008

## Laboratory Schedule

Section F01, 8:00 am – 11:50 am, Thur., Phillips 475

Section F02, 1:00 am – 4:50 pm, Thur., Phillips 475

Section F03, 1:00 am – 4:50 pm, Fri., Phillips 475

Date		Laboratory Topics
Th	F	
<b>SEPTEMBER</b>		
4	5	<b>Intro:</b> Safety and Intro Exercises <b>Introductory Practical:</b> Introductory Lab Practical, Knowns
11	12	<b>Introductory Practical:</b> Introductory Lab Practical, Unknowns <b>Atomic Microscope:</b> Simulating Physical Behavior of Gases on a Computer
18	19	<b>Gas Laws:</b> Gas Laws
25	26	<b>Periodicity:</b> Chemical Periodicity
<b>OCTOBER</b>		
2	3	<b>Ionic #1:</b> Fundamentals and Solubility
9	10	<b>Ionic #2:</b> Precipitation
16	17	<b>Ionic #3:</b> <i>pH</i> and Acid/Base Neutralization Reactions
23	24	<b>Ionic #4:</b> What Does a Conductivity or <i>pH</i> Measurement Really Tell Us?
30	31	<b>Stoichiometry #1:</b> Determining the Mole Ratios in a Chemical Reaction
<b>NOVEMBER</b>		
6	7	<b>Stoichiometry #2:</b> Reactions of Carbonates
13	14	<b>Stoichiometry #3:</b> Gas Stoichiometry
20	21	<b>Modeling:</b> Visualizing Molecular Shape and Polarity Using Spartan
27	28	<b>Thanksgiving Break:</b> No Lab
<b>DECEMBER</b>		
4	5	<b>Intermolecular Forces:</b> Intermolecular Forces in Liquids
11	12	<b>Lab Practical:</b> Chemistry 103 Lab Practical Exam
18	19	<b>Finals Week:</b> No Lab