

## Chem 101 Spring 2014 Lab Syllabus

### Laboratory Schedule ---- Revised After Snow Week II

The laboratory experiments Title (and number in the manual) to be completed during the semester are listed opposite the scheduled week. *Students should consult the laboratory schedule each week to be certain they are preparing for the proper experiment.*

Lab #	Date	Experiment Name	Manual Starting Page
1	1/7 T - 1/10 F	no lab this week	
2	1/14 T - 1/17 F	Check-in, Safety Video, Density	24
	1/20M	MLK Holiday no class	no class
3	1/21 T - 1/24 F	Chemical & Physical Changes	30
4	1/28T - 1/31F	no lab this week – Snow Week I Cancellation	
5	2/4 T - 2/7 F	A Series of Chemical Changes	35
6	2/11 T - 2/14 F	no lab this week – Snow Week II Cancellation	
7	2/18 T - 2/21 F	Formula of a Metal Oxide	39
8	2/25 T - 2/28 F	Concentration: Molarity 43	
9	3/4 T - 3/7 F	Conversion of a Carbonate to a Chloride	51
10	3/11 T - 3/14 F	Quantitative Measurement of Conductance	55
	3/17 M - 3/21 F	Spring Break	no class
11	3/25 T - 3/28 F	Types of Chemical Reactions	60
12	4/1 T - 4/4 F	Gas Laws: Boyle's Law, Molar Mass of a Gas (do experiment in lab)	65
		& Group and Periodic Relationships (as handout, no experimental work for this lab)	71
13	4/8 T – 4/11	Lab Final Exam (optional) (optional for your lab class as a whole, not optional for individual students, If your lab section does a lab final this week, it is required.)	

Molecular Structure p. 75 (Dr. Hahn will do in lecture as a handout just like the “Math Practice Lab”)  
**4/15T – 4/18F - no labs, no lab final exam, no makeup lab this week** (4/17 R last day of classes for Gen Chem I this semester, 4/18 Good Friday, 4/20 Easter Sunday, 4/21 M last day classes this semester, 4/22 T reading day, 4/23W final exam period begins, 4/24 R final exams for both sections General Chemistry I Lecture