

CHEMISTRY 202
Laboratory Syllabus
Spring 2008

- Required for Lab:*
1. General Chemistry Lab Manual.
(available at Pequod Copy, located on the third level of the U-Store)
 2. A laboratory notebook, equipped with tear-out carbon copy pages.
 3. Safety Goggles.

<u>Week</u>	<u>Dates (M,T,W, Th)</u>	<u>Experiment/Reading Assignment</u>
1	2/4 - 2/7	<i>Lab:</i> Check-in. <i>Reading:</i> pp. 2-13.
2	2/11 - 2/14	<i>Lab:</i> Experiment 10: Lewis Acids and Bases, Part A. <i>Reading:</i> pp. 14-16.
3	2/18 - 2/21	<i>Lab:</i> Experiment 10: Lewis Acids and Bases, Part B. <i>Reading:</i> pp. 16-18.
4	2/25 – 2/28	<i>Lab:</i> Experiment 11: Preparation of Sodium Thiosulfate Solution (Keep Sodium Thiosulfate solution until end of the semester for further work). <i>Reading:</i> pp. 19-21.
5	3/3 - 3/6	<i>Lab:</i> Experiment 24: Iodine Clock Reaction, Part A. <i>Reading:</i> pp. 28-30.
6	3/10 - 3/13	<i>Lab:</i> Experiment 24: Iodine Clock Reaction, Part B. <i>Reading:</i> pp. 30-35.
	3/17 - 3/21	-- SPRING BREAK --
7	3/24 - 3/27	<i>Lab:</i> Solid State Structure. <i>Reading:</i> Handout.

8	3/31 – 4/3	<i>Lab:</i> Experiment 22: Properties of an Organic Acid, Parts A, B, C, and D. <i>Reading:</i> pp. 22-27; 46-47.
9	4/7 - 4/10	<i>Lab:</i> Experiment 22: Properties of an Organic Acid, Parts A, B, C, and D. <i>Reading:</i> pp. 22-27; 46-47.
10	4/14 - 4/17	<i>Lab:</i> Prepare Solutions for Practical Exam II. <i>Reading:</i> pp. 36-39.
11	4/21 - 4/24	<i>Lab:</i> Practical Exam II. <i>Reading:</i> pp. 36-39.
12	4/28 – 5/1	Check Out.

REPORT	DRAFT DUE DATE	REVISED DRAFT DUE DATE
Lewis Acid and Base	February 29	April 11
Iodine Clock Reaction	March 28	May 2
Properties of an Organic Acid	April 22	May 2

Lab Written Exam: April 29, 2008

Closing Date: May 2, 2008