

CHEMISTRY 121-01 General Lab Information

Instructor: Dr. Becky Chak

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Office hours: Mon, Wednesday & Friday: 12:30 - 1:30 pm; or appointment by E-mail.

Chem 121-01: Winter 2005 Tentative Laboratory Schedule

Date	Chem 121 Experiment	Lab Report Due Date
January 10	No Lab. Introduction: laboratory safety, format of lab report, etc. Attendance is Mandatory	
January 17	Expt. 1: The Preparation of Xylene Sulphonic Acid	January 24 by 2:30 pm
January 24	Expt 4: Preparation and Isolation of Banana Oil	Report due at the end of the lab
January 31	Expt. 3: The Preparation of Benzoic Acid -- Group A; Group B: In-class review ex. for test 1	February 9 by 1:30 pm
February 7	Expt. 3: The Preparation of Benzoic Acid -- Group B; Group A: In-class review ex. for test 1	February 9 by 1:30 pm
February 14	No Lab. Test 1	
February 21	Expt 10: Thermochemistry	February 28 by 2:30 pm
February 28	Expt. 2: Preparation of standard & Analysis of an unknown	March 7 by 2:30 pm
March 7	No lab. In-class review exercises for test 2	
March 14	No lab. Test 2	
March 21	Expt. 6: The Rate of Bromination of Acetone	April 1 by 1:30 pm
March 28	Expt. 8: The gravimetric determination of chloride ions	April 4 by 1:30 pm
April 4	Expt 7: pH measurements and the Determination of pK_a of acetic acid	April 8 by 1:30 pm
April 11	No Lab. Exam Info & Review	

Note: No lab report will be accepted after 1:30 pm, April 13, 2005.

Pre-laboratory Preparation

- Your success in the laboratory depends on your ability to thoroughly pre-plan each laboratory period. Before coming to the lab, read and think about the procedure of the experiment. Write a flow chart for the procedure of the experiment.

Pre-lab assignment

1. You have to **complete and hand in** the pre-lab assignment **at the beginning** of each experiment.
2. Students who don't hand in the pre-lab assignment will receive a mark of **ZERO** for the pre-lab of that experiment.

Laboratory Data

- **Before leaving the laboratory**, students must have their data **written neatly in pen** on the blank data page provided in the lab manual at the end of each experiment and signed by the instructor.

Laboratory Report

1. For experiments with **short data reports**, **worksheets** will be provided by the instructor before the experiment. Students are required to complete the worksheet **neatly in pen** (except for Calculations, which may be done in pencil). **The original raw data with the instructor's initial must be stapled to the back of the report.** You **lose marks** if the pages of your report are not stapled or the raw data with the instructor's initial is not attached.
2. For experiments with **full reports**, detail format will be given by the instructor in the lab.

Late Report

1. For every day the report is late, you lose 1 (one) mark. **No lab report will be accepted after 1:30 pm, April 13, 2005.**
2. If a student does not hand in the lab report, a mark of ZERO will be given for that experiment.
3. You must hand in a **minimum** of SIX Lab reports (i.e., 75% of the lab work) and score a **minimum of 50% on lab marks** to be permitted to take the final examination.

Absences

1. A grade of **ZERO** will be given automatically for a missed experiment without valid excuse.
2. Students who are legitimately absent for medical or compassionate reasons must provide support documentation to the instructor in charge (Becky Chak) **within 7 days** from the date you are absent. You may be asked to write a make-up report.

Assessment in the Laboratory Course

- Your lab grade will be based on your laboratory reports. Bonus marks (~ 1 % of the total lab marks) may be awarded to those with perfect lab attendance, hand in every

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lab report on time and are safety conscious in the lab.