

grade for a no show is a zero. A W will be given if you are dropped from the class before March 13, 1998, the drop date.

Quizzes and Exams. In lecture: There will be three quizzes covering the material of previous lectures. There will be three exams, the first one after 6 weeks, the second one after 12 weeks and a final, all dealing with more material than the quizzes. Each exam will be equally weighted.

In lab: After every experiment you will have to submit a brief lab report to your lab instructor.

Three quizzes will cover the material in lab. Each lab quiz will be equally weighted. Please refer to lecture and lab schedules.

Drop date. The drop deadline for this semester is Friday, March 13, 1998. This is the last day for the student to notify admissions and the lecture and lab instructor that she/he wants to drop the class, otherwise a letter grade will appear on the transcript.

Grading. The lowest grade obtained for a quiz and a lab will be dropped if you have fulfilled all your assignments properly and submitted to the instructor in time. To achieve this incentive your attendance has to be 90%. The final grade is calculated as follows: Exams 40%, Quizzes 20%, Homework 15%, Lab 25%. Please be aware of the following rules. Tardiness, leaving early, and sleeping during lecture or lab sessions are considered disruptive behavior and are punished with an absence. Fraudulent behavior during quizzes and exams is graded with a zero. Copying of experimental data and lab reports is considered fraudulent behavior for the copier and the originator.

Lecture topics. Each topic takes approximately two weeks. The chapters mentioned here are from Matta's text.

1. Chemical Bonding. Alkanes and Cycloalkanes. IUPAC nomenclature. Isomerism. Ch 1 and 2.
2. Halocarbons, Alcohols and Ethers. Ch 3.
3. Aldehydes and Ketones. Ch 4.
4. Carboxylic Acids and Esters. Ch 5.
5. Amines, Amides Ch 6.
6. Carbohydrates. Stereochemistry. Ch 7.
7. Lipids Ch 8.
8. Amino Acids, Peptides, and Proteins. Ch 9.
9. Enzymes. Catalysis of the Reactions of Life. Ch 10.
10. A choice from the following topics: Nucleic acids, Digestion and Nutrition, Body Fluids, Metabolic Pathways.

There will be no lectures on Monday 1/19 and Monday 2/16 and during Spring Recess M 4/6-F 4/10.

Quizzes and exams.

W 1/28 Quiz 1
W 2/18 Exam 1
W 3/11 Quiz 2
W 4/1 Exam 2
W 5/6 Quiz 3 and Final Exam W 5/20 1:00 pm in room FE4E

Lab work and lab schedule.

- It is MANDATORY TO USE SAFETY GLASSES AT ANY TIME THAT YOU ARE IN THE LAB. Wearing a lab coat is optional.
- You will have to perform all the experiments assigned by the lab instructor. When you miss an experiment for whatever reason you will have to make arrangements with the lab instructor for a make-up. You have to do this ASAP! A zero grade will be given for a lab that is not made up.
- An overall average F grade for the lab means an F in the class.
- Thoroughly prepare the labs by reading the experiment ahead of time and doing the Pre-lab questions.

Chem 3B Lab Schedule Spring 1998

Wednesday	Lab activity
1/14	Check in desk inventory. Introduction to safety in the lab. Take the Lab Safety Quiz. Sign the Safety Agreement.
1/21	Experiment 1, Structure in organic compounds. The use of the molecular model set.
1/28	Experiment 2, Identification of hydrocarbons.
2/4	Experiment 3, Column and paper chromatography.
2/11	Review of Safety in the lab and review of Experiments 1-3. LAB QUIZ 1.
2/18	Experiment 4, Identification of alcohols and phenols.
2/25	Experiment 5, Identification of aldehydes and ketones.
3/4	Experiment 6, Carboxylic acids and esters.
3/11	Titration of an unknown carboxylic acid. Hand out.
3/18	Experiment 7, Amines and amides.
3/25	Review of Experiments 4-7 and the titration experiment. LAB QUIZ 2.
4/1	Experiment 8, Polymerization reactions.
4/15	Experiment 9, Preparation of aspirin.
4/22	Experiment 10, Isolation of caffeine from tea leaves.
4/29	Experiment 11, Carbohydrates.
5/6	Experiment 12, Preparation and properties of a soap.
5/13	Review of Experiments 8-12. LAB QUIZ 3. Turn in desk inventory in a clean and proper condition.