

## Syllabus Chemistry 110, Summer II 1999

Section: 02

Instructor: Dr. Thomas Junk

Room: CNSB 100/243

Office: CNSB 112

Time: 7:30-8:30 a.m. MTT

Phone: 342-1830

Text: Chemistry 101 Lb Manual.

Other required material: Eye protection

Prerequisites: You must have passed Chem 108 with a "C" or better. Do **NOT** attempt to take this class if you do not meet this requirement.

My schedule:

	Mo	Tu	We	Th	Fr
8:00-8:50 a.m.	304-01		304-01		304-01
11:00-11:50 a.m.	303-02		303-02		303-02
10:00-12:00 a.m.	303-02		303-02	Office Hr.	303-02
2:00-5:00 p.m.			305-01		305-02
3:00-4:00 p.m.				Office Hr.	
4:00-5:00 p.m.				Review 303*	
5:00-6:00 pm.				Review 304*	

Please let me know early if there is a conflict with your schedule.

\* No review will be held on 1/14. Location for review sessions: TBA.

Course Objectives: This course will familiarize the students with the fundamentals of organic chemistry. These include the theory of structure and bonding, the conception and representation of organic reaction mechanisms, and the chemical properties of important functional groups. With the aid of special topics presented throughout the course (biological substitution reactions, polymers, carbenes), the students will learn to relate organic principles to applied work and to the life sciences.

Course summary: This course offers an introduction to organic chemistry. This includes structural theory, mechanistic chemistry, chemical properties and functional groups. The course will cover chapters 1 through 12 in the textbook.

Grading: 6 Exams worth 75 points each will be given on the following dates: Feb 1, Feb 22, Mar 10, Mar 26, Apr 16, May 2. These generally will follow chapter breaks (e.g., exam 2 will cover chapters 3 and 4) and will take one class session each (**no** overtime allowed). Be punctual! An optional final will be given on Tue., May 11, 8:00 - 9:50 a.m. It will consist of two parts, worth 75 pts each, which I will treat as two additional exams. Each part can *independently* replace a low (or missing) exam grade. Both parts will be cumulative. Thus, you will have 8 chances to earn up to 75 points each, and the lowest two results of these attempts will be dropped.

All exams are **closed-book**, no calculator. You will **not** need scratch paper. Starting with exam 3, you will be allowed to bring one tetrahedral carbon model (as demonstrated in class) and one 1/4 page information sheet (“cheat sheet”) containing any **hand-written** information of your choosing. It is advisable to write in pencil and bring an eraser for your exams so you can easily correct mistakes. Do not bring anything that might look suspicious (e.g. spare paper with some notes you just “overlooked”). You **will** have access to a periodic table. Exams will emphasize the material not covered by previous exams, but will require knowledge of the basic concepts covered in previous chapters. There will be no quizzes.

Make-up Policy: The option of dropping two exams eliminates the need for make-up exams under any but the most unusual circumstances.

Attendance of other sections: You may not attend another section of Chem 303 or change your section without the explicit consent of both instructors. NLU policy mandates your attendance, and mandates that I verify your attendance. I will circulate a sign-up form at the beginning of each class session.

Curving: I generally curve, hence your performance will be judged relative to that of your peers. However, I reserve the right to determine the final cut-off values for grades in response to non-representative (exceptionally good, poor, or small) classes.

Office hours and review sessions: Office hours are mainly intended to discuss problems with your schedule, allow you to see your exams, etc., **not** for review. Review sessions are optional, and do not cover any new material. I will not interpret your absence during review sessions as a lack of effort/interest in this course. I will **not** answer review questions over the telephone. Review sessions may be rescheduled to accommodate your exam schedule. Any changes will be announced in class.

Cheating: You will get zero points on the exam. This will happen to you even if you are a cooperating “benefactor”, it is in your interest not to cooperate. You cannot drop zero’s obtained as a result of cheating.

Homework assignments: There will be no mandatory homework assignments, but suggested review problem sets. I will hand these out during class and will be happy to discuss them with you during review sessions.

Posting of exam results and answer keys. Exam results will be posted next to my door, according to randomly generated ID numbers assigned to you in the beginning of this class. Please make sure you remember your ID - it is NOT related to your SSN. If you want to change your ID for any reason, see me in my office and I will assign you a new ID. Copies of answer keys can be purchased at the chemistry office for a nominal fee. I strongly recommend that you collect and retain older answer keys, which you may need again to study for your final. This will protect you and us from the usual last-minute rush for answer keys to previous exams.