

# Organic Chemistry

## CHE 311

**Prerequisite: Grade of "C" or better in CHE 310**  
**Spring, 2009**

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SC 450

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Office Hours: *Open-door policy and by appointment.* I am on campus usually every weekday. Send me an e-mail, call me, or simply stop by (even when I'm in lab). I can almost always find time to help you.

"Learning does not result from passively sitting in the presence of a teacher who's talking. The student must listen, write, question, discuss, imagine, experiment, construct."

Albert Shanker

What you **MUST** do in order to have a chance to do well (C or better) in Organic Chemistry.

1. Read the chapter **before** it is discussed in class.
2. Recopy your notes - **critically!** Use the left hand side of your notebook to take notes in class and the right hand side for recopying.
3. Do the problems in the book - and **understand** the solutions. Memorizing the answers to problems will not help you.
4. Participate in class. Ask questions! (see quote above)

**Omit the following sections:** 13.7A,E; 14.8C, 14.10B; 15.9; 15.10; 16.2, 16.6, 17.6C  
18.5B,C,D,E; 20.4D, 20.7; 21.6B; 22.6-8; 23.3B, 23.5D,E, 23.6C, 23.7C, 23.8, 23.9

Suggested Organic Problems from Ege, "Organic Chemistry," 5th Edition.

- A) You should **understand** all the problems **within** the chapters (except from omitted sections), with the following additional exceptions: 13.24, 13.26, 15.5, 17.24-27, 21.3, 21.13, 21.16, 21.29, 21.35, 21.39, 21.44, 21.45, 22.1, 22.2, 23.4, 23.6-10, 23.12, 23.19, 23.25, 23.26.
- B) You should **understand** the following problems from the back of the chapters:
- |        |                                    |
|--------|------------------------------------|
| Ch 12: | 22-27, 33, 34.                     |
| Ch 13: | 33-41, 44, 46, 48, 52.             |
| Ch 14: | 25-29, 31-35, 37, 41, 50, 52.      |
| Ch 15: | 40, 42-45, 50, 52, 53, 58, 59, 61. |
| Ch 16: | 22, 24-27, 31, 43.                 |

Ch 17:	28-30, 32, 37, 38, 41, 49, 50.
Ch 18:	17-21, 25, 29.
Ch 20:	22-29, 31.
Ch 21:	47, 48, 50, 52, 53, 57, 58, 61, 66, 67, 71, 75, 76, 79.
Ch 22:	31-34, 36, 38, 40.
Ch 23:	38-40, 43, 45.
Ch 19:	time permitting

	Chapters*
Hour Test 1	12, 13, 14
Hour Test 2	15, 16, 17
Hour Test 3	18, 20, 21
Hour Test 4	22, 23 (19, time permitting)
Final Exam, W, 5/6 @ 10:10	ACS Exam

Important dates: 2/02, Last day to drop with X  
 3/30, Last day to drop with W. Requests for Late Withdrawal are rarely approved.

\* Text, Ege, "Organic Chemistry", 5th Edition

**Items on Reserve in S. Library:**

1. Study Guide to Organic Chemistry
2. Guide to Electron Pushing
3. Molecular Model sets (cannot bring to exams)

Grading: The lowest hour exam will be dropped. The remaining three hour exams plus the final exam will each count 25% of your grade.

**PLEASE NOTE CAREFULLY: The exams are given only at the times indicated. There are no make-up exams. If an hour exam is missed for any reason, it will become the dropped exam.**

Grading Scale: A (88-100); "Represents exceptionally high achievement..."  
 B (75-87); "Represents high achievement..."  
 C (62-74); "Represents average achievement..."  
 D (50-61); "Represents the minimum passing grade..."  
 F ( Below 50) "Indicates failure in a course."

Note: the above quotes appear in the NKU Catalog.

**This syllabus is subject to change.**