

ORGANIC CHEMISTRY

Chem 30B, Winter 2008

MWF 11:00-11:50 pm, CS50

Instructor: Yves Rubin (y Rubin.ucla@gmail.com)
Website: <http://siggy.chem.ucla.edu/VOH/30B/30B.html> (linked also via VOH)

Office Hours: Thursdays 1:30 – 2:30 p.m. in Molecular Sciences 4515. You are all welcome to attend. I will focus primarily on answering questions to help clarify new concepts and material. I will announce additional OH's prior to the exams.

Textbook: Organic Chemistry, 4th Edition by Brown and Foote (3rd edition is fine, check my website for breakdown of sections and exercises); Saunders College Publishing.

Exams: Midterm I: **Wednesday**, Feb 6 (CS50)
Midterm II: **Wednesday**, Feb 27 (CS50)
Final exam: **Thursday**, March 20, 3:00 - 6:00 pm (location TBA)

	<u>Points</u>
Midterm exams (two at 100 pts ea.)	200
Final Exam	<u>200</u>
TOTAL	<u>400</u>

• **ILLNESS:** *I do not give make-up exams. In case of illness or emergency for one of the midterms, the remaining exams will be weighted out. No grade is assigned per exam. No midterm score will be dropped. As per school policy, a grade of Incomplete can be given only if one is passing the course (grade C or better) and an authenticated illness or emergency has occurred to prevent you from taking the final exam.*

• **PROGRESS:** *I always look at the overall progress made by each one of you during the quarter. If you made strong progress, I take account of it in the final grade assignment (e.g. pushing up a grade from B+ to A-).*

• **REGRADES:** *There will be NO REGRADES on any exam. If you have point addition errors, turn in your exam to your TA during discussion sections. Your TAs have extensive experience teaching and grading; I supervise the grading, it will be done fairly and consistently.*

Material: • **It is important to read the material in advance.** This is the *best way* to fully benefit from the lectures. Concentrate your studying on the material **covered in lectures**. The textbook is there as a support to help you understand concepts treated in class. However, good class notes tend to be much more useful since they reflect the personal teaching style of a professor.

• **Older material** (Chem 30A) is assumed to be known and revised. A handout is available on my VOH website that contains an easy to use summary reactions from both Chem 30A and 30B:

http://siggy.chem.ucla.edu/VOH/30C/PDF/130B_Reaction_Rev.pdf

Problems: • TAs will work with you in discussion sections on problems either from the book or from other sources. You should work on problems from the book on a regular basis, *otherwise last minute studying* won't allow you enough time to absorb reactions and mechanisms (memorization does not work if you don't understand the mechanisms of the reactions).

• I am also providing more **comprehensive problem sets** to go beyond the level of the book's problems. These problems will not be graded, but answers are posted on VOH. Check also other professors, for example Prof. Jung's Fall 2004 website for past exams using the current syllabus:

<http://voh.chem.ucla.edu/vohtar/fall04/classes/30B/>

TAs: Daniel Kilbride
Cordova, Jesus
Alex Schammel
Mitsuharu Suzuki

Office hours: TAs will announce them at the discussion sections.

It is perfectly fine to go to another discussion section or office hour if you prefer, *provided you request permission* from the TA.

Topics*	Textbook Chapter
Infrared Spectroscopy	12
Nuclear Magnetic Resonance Spectroscopy	13
Alcohols and Thiols	10
Ethers, Sulfides, and Epoxides	11
Organometallic Compounds (15.1 and 15.2 only)	15
Aldehydes & Ketones	16
Carboxylic Acids	17
Functional Derivatives of Carboxylic Acids	18
<u>(see detailed listing of sections on my website)</u>	

*Any necessary lecture material and handouts will be provide