Chemistry 41c: Organic Chemistry (revised 5/28/13)
Spring 2013

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GTA	email	office hours	location
Kelly Kim (Head GTA)	kekim@caltech.edu	Tu, 3-4 PM	302 SL
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Evan Zhao (UTA)	evanmzhao@gmail.com	Th, 8-9 PM	Fleming Lounge
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Lectures:
153 Noyes MWF 9:00 am April 1–June 7, 2013 (no class on 5/27: Memorial Day Holiday)

Texts:
Organic Chemistry, 5th Ed., G. Marc Loudon.
Study Guide and Solutions Manual to Accompany Organic Chemistry, 5th Ed., G.M. Loudon and J.G. Stowell.

Molecular Model Sets:
HGS model sets are available in the Crellin stockroom from Joe Drew. Students are strongly encouraged to purchase at least one set.

Grading:
Quizzes: 30% Midterm: 33% Final: 36%

Quizzes:
There will be four in-class 30 point quizzes. Each will be closed note/book and will last 15-20 minutes. Your lowest quiz score will be dropped. The schedule is as follows:

Quiz #1	Friday, 4/12
Quiz #2	Friday, 4/26
Quiz #3	Friday, 5/17
Quiz #4	Friday, 5/31

Problem Sets:
Problems from the book will be assigned for each chapter. These will not be collected or graded, but be advised that book problems can appear on quizzes and exams.

Exams:
There will be an in-class midterm exam and a comprehensive take-home final examination. The in-class exercises are closed note/book and no collaboration is allowed. The schedule is as follows:

In-class midterm examination	Monday May 6, 2013 9:00 am
Final examination*	out Monday June 10, due Friday June 14, 2013 5:00 pm

*alternate plans will be made for seniors, please contact Professor O'Leary.

Course Grade and Grading Policy:
The course grade will be based upon quizzes (90 pts total), the midterm examination (100 pts), and the final examination (110 pts).

If a re-grade of a quiz or exam is requested, the entire document will be re-graded. Quizzes or exams that are turned in late without a Dean's note are subject to a 20% reduction in points per day. Only Dean's notes for medical excuses will be accepted. If a Dean's note is obtained, the make-up must be completed within the time frame indicated on the note. If no time is indicated, the make-up date needs to occur within a week of the original due date. It is up to the student to keep track of their own grades (by picking up quizzes and exams), missed assignments, and make up late work.

Detailed Class Schedule

Date	Class	Ch.	Topic	Quiz/Exam
4/1	1M	19	Aldehydes and ketones	
4/3	2W	19	Aldehydes and ketones	
4/5	3F	19	Aldehydes and ketones	
4/8	4M	18	Transition-metal reactions	
4/10	5W	18	Transition-metal reactions	
4/12	6F	18/19		Quiz 1 (18/19)
4/15	7M	20	Carboxylic acids	
4/17	8W	20	Carboxylic acids	
4/19	9F	21	Carboxylic acid derivatives	
4/22	10M	21	Carboxylic acid derivatives	
4/24	11W	21	Carboxylic acid derivatives	
4/26	12F	20-21		Quiz 2
4/29	13M	22	Enolates and α,β-Unsaturated compounds	
5/1	14W	22	Enolates and α,β-Unsaturated compounds	
5/3	15F	22	Enolates and α,β-Unsaturated compounds	
5/6	16M	18-22		Midterm examination
5/8	17W	23	Amines	
5/10	18F	23	Amines	
5/13	19M	23	Amines	
5/15	20W	24	Carbohydrates	
5/17	21F	23		Quiz 3
5/20	22M	24	Carbohydrates	
5/22	23W	24	Carbohydrates	
5/24	24F	26	**no class**	
5/27	M	-	**no class** Memorial Day Holiday	
5/29	25W	26	Amino acids and peptides	
5/31	26F	24		Quiz 4
6/3	27M	26	Amino acids and peptides	
6/5	28W	26	Amino acids and peptides	
6/7	29F	-	The Crixivan Story	
6/10	M	18-26*	*The final exam will focus primarily on chapters we have discussed in class, but	Final out at 9:00 am
6/14	F	18-26*	earlier chapters and other material may be covered.	Final due by 5:00 pm