

REVISED SYLLABUS

C3444—Organic Chemistry II *SPRING 2003*

Lecture: 309 Havemeyer, MWF 9-9:50

Text: *Organic Chemistry*, McMurry, 5th Edition

Instructor:

Professor Colin Nuckolls (office: 506 Havemeyer, email: cn37@columbia.edu)

Office Hours: Friday 12-1 pm, Thursday 11-12pm

Teaching Assistants:

Dana Horoszewski (dnh2001@columbia.edu)

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Schedule

Section 1: Aromaticity (Ch. 15), Electrophilic substitution (Ch. 16), Sandemeyer and Diazonium Couplings Reaction (section 24.8). ••**1st Hour Exam**•• **Feb. 17**

Section 2: Alcohols/Phenols (Ch. 17), Ethers, epoxides, thiols, and sulfides (Ch. 18), Aldehydes/Ketones (Ch. 19), Carboxylic Acids (Ch. 20). ••**2nd Hour Exam**•• **Mar. 14**

Section 3: Nucleophilic addition to carboxylic acid derivatives (Ch. 21), Enolates (Ch. 22), Condensation reactions with carbonyl compounds (Ch. 23). ••**3rd Hour Exam**•• **Apr. 16** **note changed date**

Section 4: Amines (Ch. 24), Carbohydrates (Ch. 25), Amino acids/Proteins (Ch. 26), Nucleic Acids (Ch. 28). ••**4th Hour Exam**•• **May 5**

Grading:

60 % — 3 out of 4 hour exams (20% each)

40 % — final exam

Your lowest hour-exam grade will be dropped. Because you are allowed to drop the lowest hour exam, *there will be no make-up exams, EVER.* Regrade requests must be submitted to 318Hav within one week from when the exams were returned. Problem sets are mandatory and a portion of them will be graded before they are returned.

You must register for one of the sections of recitation. Recitation sections are to emphasize material covered in the lecture and text in more details. At the end of each recitation, you will be given a quiz that is similar to material on the problem sets and exams. Your recitation and homework grade will be used as a deciding factor to move borderline cases up or down.