

Chemistry C3443x
Fall 2001
Section 1
Lectures in 309 Havemeyer

- Professor** Thomas Katz
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Office Hours: 259 Chandler, Mondays 2:00–3:00, Thursdays 3:00–4:00, and by appointment. To schedule an appointment, please send e-mail suggesting a few times you could be available.
- Assistants** Mark Biscoe
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Office Hours: Tuesdays, 2:00–3:00 P.M., Room 343 Havemeyer, and by appointment. Please use e-mail to schedule an appointment.
- Textbook** John McMurry, "Organic Chemistry", 5th Edition
- Syllabus** The course will cover the following chapters of the textbook:
1. Structure and Bonding
 2. Polar Bonds and Their Consequences
 3. Organic Compounds: Alkanes and Cycloalkanes
 4. Stereochemistry of Alkanes and Cycloalkanes
 5. An Overview of Organic Reactions
 6. Alkenes: Structure and Reactivity
 7. Alkenes: Reactions and Synthesis
 8. Alkynes: An Introduction to Organic Synthesis
 9. Stereochemistry
 10. Alkyl Halides
 11. Reactions of Alkyl Halides: Nucleophilic Substitutions and Eliminations
 12. Structure Determination: Mass Spectrometry and Infrared Spectroscopy
 13. Structure Determination: Nuclear Magnetic Resonance Spectroscopy
 14. Conjugated Dienes and Ultraviolet Spectroscopy
 18. Ethers and Epoxides
- Examinations** Hour exams are scheduled for
Monday, September 24 (covering Chapters 1–4);
Monday, October 15 (covering Chapters 5–8);
Monday, November 12 (covering Chapters 9–11 and 18); and
Friday, December 7 (covering Chapters 12–14).
There will be a three-hour final exam. Of seven grades recorded, the four for the hour exams and the three for the final exam, the lowest two will be dropped. Thus the final grades will be based on the five best hours. There will be no make-up exams. Regrades must be requested within one week after exams are returned. The procedure is to turn in the exam at room 318 Havemeyer along with a form that is available outside room 343 Havemeyer.
- Quizzes in the recitation classes will account for 10% of the grade, and homework assignments will account for 5% of the grade.
- Home Page** <http://www.columbia.edu/itc/chemistry/chem-c3443/>