Professor  Thomas Katz  
e-mail: TJK1@columbia.edu  
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  
e-mail: mrb117@columbia.edu  
Office Hours: Wednesdays, 4:00–5:00, Room 560 Chandler, and by appointment. Please use e-mail to schedule an appointment.

Shengping Zheng  
e-mail: sz173@columbia.edu  
Office Hours: Tuesdays, 2:00–3:00 P.M., Room 343 Havemeyer, and by appointment. Please use e-mail to schedule an appointment.


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  
15. 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/