

Organic Chemistry I

CHM 227

Summer 2018

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Office Hours: by appointment

Text: Solomons Organic Chemistry 12th ed. Wiley

Syllabus

| Chapter | Title |
|---------|--|
| 1 | Chemical Bonds |
| 2 | Polar Covalent Bonds, Functional Groups |
| 3 | Acids and Bases |
| 4 | Organic Compounds; Alkanes, Cycloalkanes and Stereochemistry |
| 5 | Stereochemistry of Chiral Compounds |
| 6 | Nucleophilic Reactions; Mechanisms |
| 7 | Alkene Structure and reactivity |
| 8 | Alkene and Alkyne Reactions and Synthesis |
| 9 | Radical Reactions |

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|------------|------|--------------------|
| Exam 1a | 5/24 | Chapters 1 – 2 |
| Exam 1b | 5/29 | Chapter 3 |
| Exam 2 | 6/4 | Chapters 4 - 5 |
| Exam 3 | 6/11 | Chapter 6 |
| Exam 4 | 6/18 | Chapters 7 - 8, 10 |
| Final Exam | 6/20 | |

Grading: Your best 3 out of 4 exam scores (25%) each, plus the final (25%)
The final will take the place of any exam missed for any reason.

Reminder: Students who do well do as many chapter problems as possible. Students who do poorly usually have not allowed enough time for doing problems.