

## Organic Chemistry II

CHM 228

Summer 2014

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Office Hours: by appointment

Text: McMurry, Organic Chemistry

**Lecture notes:** Notes are available electronically from the URI Web site ([www.uri.edu](http://www.uri.edu), A-Z, Chemistry, For current students, CHM 226, CHM 228 downloads

### Syllabus

Chapter	Title
10	Infrared and Mass Spectroscopy, UV Spectroscopy
11	NMR Spectroscopy
12	Alkyl halides; Nucleophilic Substitutions, Eliminations
13	Alcohols
14	Additions to the Carbonyl Group: Ketones and Aldehydes
15	Carboxylic Acids
16	Carboxylic Acid Derivatives
17	Enolate and Other Carbon Nucleophiles

  

Exam 1a	June 24	Functional groups, Lewis structures
Exam 1b	June 30	Chapters 10, 11
Exam 2	July 7	Chapter 12
Exam 3	July 14	Chapters 13, 14, 15
Exam 4	July 21	Chapters 16, 17
Final Exam	July 24	

Grading: 4 exam scores (20%) each, plus the final (20%)  
Exam 1 is divided into 1a (25%) and 1b (75%)

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.