

Organic Chemistry II

Chemistry 282

Section: D100

Term: 2006 Fall

Instructor: David Bailey

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Discussion Topics: General Course Description:

Polyfunctional organic compounds and complex organic reactions.

2 lecture hours/week; 1 tutorial hour/week; 0 laboratory hours/week.

Topics covered

Dienes and Diels-Alder Reactions (Chapters 12 & 14).

Conjugation and Aromaticity (Chapter 13).

Aromatic Substitution Reactions (Chapter 14).

Carbonyl Chemistry (Chapters 16 & 17).

Carboxylic Acids (Chapter 18).

Acyl Compounds (Chapter 19).

Carbohydrates (Chapter 22 - if time permits).

Grading: Option 1: 35% Midterm; 65% Final Examination

Organic Chemistry II

Option 2: 100% Final Examination

Required Texts: Maitland Jones, "Organic Chemistry" 3rd Ed. W.W.Norton & Co.

Recommended Texts: Any introductory organic chemistry text

Materials/Supplies: A molecular model set is useful

Prerequisite/Corequisite: Prerequisite: CHEM 281.

CHEM 286 should be taken concurrently.

Notes: None

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