

Organic Chemistry II

Chemistry 282

Section: D200

Term: 2009 Fall

Instructor: Dr. Uwe Kreis

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

Conjugation and Aromaticity (Chapter 13).

Aromatic Substitution Reactions (Chapter 14).

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

Carbonyl Chemistry (Chapters 16 & 17).

Carboxylic Acids (Chapter 18).

Acyl Compounds (Chapter 19).

Carbohydrates (Chapter 22 - if time permits)

Grading: Midterm 30%; Assignments 20%; Final 50%

Required Texts: Bruice, Paula. "Organic Chemistry" 5th Ed. Pearson.

Recommended Texts: Any introductory organic chemistry text

Materials/Supplies: None

Prerequisite/Corequisite: Prerequisite: CHEM 281. CHEM 286 should be taken concurrently.

Notes: Tutorial attendance is mandatory.

Assignments include: Group presentations, problem sets and tutorial participation

This outline is derived from a course outline repository database that was maintained by SFU Student Services and the University's IT Services Department. The database was retired in 2014 and the data migrated to SFU Archives in 2015.