Fall 2018

CHEM 605 - Advanced Organic Chemistry Structure and Mechanism

Tamara Gund

Follow this and additional works at: https://digitalcommons.njit.edu/chem-syllabi

Recommended Citation
https://digitalcommons.njit.edu/chem-syllabi/31

This Syllabus is brought to you for free and open access by the NJIT Syllabi at Digital Commons @ NJIT. It has been accepted for inclusion in Chemistry and Environmental Science Syllabi by an authorized administrator of Digital Commons @ NJIT. For more information, please contact digitalcommons@njit.edu.

Supplementary Texts:

From Carey and Sundberg:

Chapter 2 – Principles of Stereochemistry

Chapter 3 – Conformational, Steric and Stereoelectronic Effects

Chapter 4 – Study and Description of Organic Reaction Mechanisms

Chapter 5 – Nucleophilic Substitution

Chapter 6 – Polar Addition and Elimination Reactions

Chapter 9 – Aromaticity (If time permitting)

Chapter 11 - Concerted Pericyclic Reactions

There will be three exams. Two will be given during the semester and the third during final week. Each exam is worth 100 points. Grades will be made up out of 300 points. Problems at the end of the chapter are assigned. Office hours will be M 4 to 5 PM.