Fall 2018

CHEM 605-001: Advanced Organic Chemistry Structure and Mechanism

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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