



CHEM 251 Organic Chemistry I

Eighth Week
October 26 – 30, 2009

Assignments

☐ Chapter 7 – Reading should be completed before class on Monday (10/26/09)

☐ **Problem set #11 due Tuesday (10/27/09)**

☐ Chapter 8 – Reading this will help with some concepts from Chapter 7. Reading it should be complete by Monday (11/2/09).

☐ **Problem set #12 due Thursday (10/29/09)**

Reminders

☐ The keys for all problem sets and for Exam I & II have been posted on the course website. Looking over the keys is highly recommended.

☐ The CHEM 251L laboratory will be the Nucleophilic Substitution experiment (see pp. 75-76 of the laboratory manual).

☐ The 6th Annual IRC Undergraduate Research Symposium will be held from 8:30 AM to about 5 PM on October 30, 2009 in the Kahn Room. ***Support your colleagues as they report the results of their research!***

☐ Review session:

“The most generally useful method of synthesis of alkenes or olefinic hydrocarbons utilizes an alcohol as a starting material. The hydroxyl group presents a point of vulnerability ...

“Molecular rearrangements sometimes occur on acid-catalyzed dehydration of alcohols having a tertiary carbon atom adjacent to that carrying the hydroxyl group. In 1901, Zelinsky and Zelikow heated 3,3-dimethyl-2-butanol with oxalic acid in expectation of producing t-butylethylene, but found the product to be tetramethylethylene ...”

– Fieser & Fieser, Organic Chemistry, 1956.