



## CHEM 251 Organic Chemistry I

Seventh Week  
October 19 – 23, 2009

### Assignments

- ☐ Chapter 6 – Reading should be completed before class on Monday (10/19/09)
- ☐ **Problem set #9 due Tuesday (10/20/09)**
- ☐ Chapter 7 – Reading this will help with some concepts from Chapter 6. Reading it should be complete by Monday (10/26/09).
- ☐ **Problem set #10 due Thursday (10/22/09)**

### 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 second part of the Chemical Extraction experiment. The report for this experiment will be a formal lab report, due one week following your laboratory period.

*As with all species, carbocations may be stabilized by resonance . . . .*

*“You mean the carbocation actually rearranges, and you want me to predict how . . . ?!” – Anonymous*

*Strong bases are also strong nucleophiles. . . . However, some weak bases are good nucleophiles also, usually because their electrons are more readily available due to greater polarizability of the nucleophilic atom.*

*Destabilizing a nucleophile makes it stronger.*

*Stabilizing the transition state increases the rate of the reaction.*