

Chemistry 33 Schedule Summer 2006

Professor Steve Kahl

(text: Vollhardt and Shore's *Organic Chemistry: Structure and Function* (5th ed.))

Week 1

- June 27 Structure and Bonding in Organic Molecules (Chapter 1)
 Structure and Bonding in Organic Molecules (Chapter 1)
- June 28 Structure and Reactivity (Chapter 2)
 Structure and Reactivity (Chapter 2)
- June 29 Reactions of Alkanes (Chapter 3)
 Cycloalkanes (Chapter 4)
- June 30 Stereoisomers (Chapter 5)
 Stereoisomers (Chapter 5)

Week 2

- July 3 Discussion Section
 Exam 1
- July 4 Holiday – no class
- July 5 Properties and Reactions of Haloalkanes (Chapter 6)
 Properties and Reactions of Haloalkanes (Chapter 6)
- July 6 Further Reactions of Haloalkanes (Chapter 7)
 Further Reactions of Haloalkanes (Chapter 7)
- July 7 Alcohols and Thiols (Chapter 8)
 Alcohols and Thiols (Chapter 8)

Week 3

- July 10 Alcohols and Thiols (Chapter 9.1-9.4)
 Discussion Section
- July 11 **Exam 2**
 Ethers, Epoxides and Sulfides (Chapter 9.5-9.11)
- July 12 Ethers, Epoxides and Sulfides (Chapter 9.5-9.11)
 Alkenes: Structure and Reactivity (Chapter 11)
- July 13 Alkenes: Structure and Reactivity (Chapter 12)
 Alkenes: Synthesis and Reactions (Chapter 12)
- July 14 Alkenes: Synthesis and Reactions (Chapter 12)
 Discussion Section

Week 4

- July 17 **Exam 3**
 Nuclear Magnetic Resonance (Chapter 10)
- July 18 Nuclear Magnetic Resonance (Chapter 10)
 Mass Spectrometry (Chapter 20.9-20.11)
- July 19 Infrared Spectroscopy (Chapter 11.5)
 Alkynes and Nitriles (Chapter 13; Chapter 20.8)
- July 20 Final exam review
- July 21 **Final Exam**