CHEMISTRY 2810 – FALL 2012
Principles of Organic and Bioorganic Chemistry

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CHEM 2810 is the continuation of the accelerated sequence Chemical Principles. It is the second of two sections covering organic chemistry. There will be four exams scheduled during discussion sessions and twenty graded problems, in addition to the final exam.

1. Section A – Aromaticity and Aromatic Substitution

   Week of:
   Aug. 27         Chapter 15         Aromaticity
   Sept. 7         Chapter 16         Reactions of Substituted Benzenes

2. Section B – Carbonyl Chemistry

   Sept. 14        Chapter 17         Carboxylic Acid Derivatives
   Sept. 21        Chapter 18         Aldehydes and Ketones
   Sept. 28        Chapter 19         Enols and Enolates

3. Section C – Redox Chemistry, Heterocyclic Compounds, Carbohydrates and Lipids

   Week of:
   Oct. 1          Chapter 20         Redox Reactions
   Oct. 10*        Chapter 21         Heterocyclic Compounds
   Oct. 15         Chapter 22         Carbohydrates
   Oct. 22         Chapter 27         Lipids

4. Section D – Amino Acids, Proteins, Catalysis, and Nucleic Acids

   Week of:
   Oct. 29         Chapter 23         Amino Acids and Proteins
   Nov. 5          Chapter 24         Catalysis
   Nov. 12         Chapter 25         Coenzymes and Vitamins
   Nov. 19**       Chapter 25         Coenzymes and Vitamins
   Nov. 26         Chapter 26         Nucleic Acids

4. Section E

   Dec. 3          Chapter 31         Drugs
**Tentative Exam Schedule**
Exams will be 7:00 – 9:30pm during the scheduled discussion periods

- **Section A**  Wed., Sept. 23
- **Section B**  Wed., Oct. 17
- **Section C**  Wed., Nov. 7
- **Section D**  Wed., Dec. 5

*October 8th is Reading Day
**November 21-23 is Thanksgiving Break