CHEM 3601
Organic Chemistry
Fall 2017

Professor: Michael G. Richmond
Room 366 or 101e
email: Cobalt@unt.edu
Office Hours: Tuesday: 11:00-noon
and by appointment

Textbook (required): "Organic Chemistry: a Short Course," by Hart, Hadad, Craine, and Hart, 13th edition

Workbook (highly recommended): "Study Guide and Solutions Manual," for H/H/C/H: 13th edition

*A molecular model kit is also strongly recommended

Grading: There will be a quiz given on material in each of the first nine chapters of the textbook. These will be short and involve subject material covered in the immediate chapter just finished in class. Your eight best quiz grades will be used, partly, in determining your final course grade. Two hourly exams will be given, the time and date to be announced in advance. The material covered on each exam will follow the attached course outline, as shown below. The final is a comprehensive exam that will be given at a time and date arranged by the registrar's office. Your final grade will be computed as follows: 20% quizzes, 40% from the hourly exams and 40% from the comprehensive final exam.

Exam #1: Chapters 1-3
Exam #2: Chapters 4-6
Final Exam: Chapters 1-9

*This is a tentative exam schedule that may be modified, on the basis of the class' progress during the semester.

Attendance Policy: Regular attendance of the lecture portion of this class and the associated recitation is expected. Any student missing three or more classes (i.e., unexcused absences) can be dropped from the course with a grade of "F," at the discretion of the instructor. Recording of class lectures, in any fashion, is prohibited without the expressed permission of the instructor.

The Chemistry Department believes in reasonably accommodating individuals with disabilities. If you have a disability for which you will require accommodation under the terms of the Americans with Disabilities Act (1990) or Section 504 of the Rehabilitation Act of 1973, you should discuss your needs with me as soon as possible. You are also encouraged to register with the Office of Disability Accommodation (Room 318A in the Union, ext. 4323).

Course Objective: to introduce you to the fascinating world of organic chemistry and to prepare you for your future endeavors.

Course Outline

Chapter 1.	Bonding and Isomerism Homework problems: 1.31-1.43, 1.45-1.51
Chapter 2.	Alkanes and Cycloalkanes; Conformational and Geometric Isomerism Homework problems: 2.26-2.36, 2.38-2.42
Chapter 3.	Alkenes and Alkynes Homework problems: 3.33-3.45, 3.48, 3.49, 3.52, 3.53, 3.55-3.60
Chapter 4.	Aromatic Compounds Homework problems: 4.20-4.22, 4.24-4.42
Chapter 5.	Stereoisomerism Homework problems: 5.26-5.50
Chapter 6.	Organic Halogen Compounds; Substitution and Elimination Reactions Homework problems: 6.11-6.21, 6.24, 6.25
Chapter 7.	Alcohols, Phenols, and Thiols Homework problems: 7.26-7.46
Chapter 8.	Ethers and Epoxides Homework problems: 8.16-8.33
Chapter 9.	Aldehydes and Ketones Homework problems: 9.31-9.49