Grading:

Your final grade will be based on the three exams and the final. The maximum point total is 800 points.

Exams:

If you miss an exam, for any reason, I will have to count as the dropped exam. If you miss an exam, the final will count double. There will be no make-up exams. If your lowest exam score will be cumulative final exam, each worth 200 points. If your lowest exam score is lower than your final exam score, the final exam score will be lower than your cumulative score.

Exams will be three one-hour exams during the quarter and one 1.75-hour exam.

Grading:

much more difficult for yourself.

If you fail a problem, you will make the class. If you fail a problem, you will make the class. You will keep up with the material as it is covered in class. Read your book and work the appropriate problems soon after the class. You will keep up with the material as it is covered in the lectures. You will find a set of homework problems listed for each chapter. You do not have to turn in these problems. However, you should recognize the value of working the problems. This is the best way to learn the material and to prepare for the exams since the exam is based on the material covered in the lectures. You will find a set of homework problems listed for each chapter. You do not have to turn in these problems. However, you should recognize the value of working the problems. This is the best way to learn the material and to prepare for the exams since the exam is based on the material covered in the lectures.

Homework:

There is no formal recitation associated with this class. There will be no formal recitation associated with this class.

Help Sessions:

There will be help sessions each Tuesday at 8:00 AM. There will be help sessions each Tuesday at 8:00 AM.

Attendance at these sessions is completely optional, but if you are having trouble understanding something, try to come to the help session. If you have any questions you have about them or the previous week's lecture, I will go over the homework problems and answer any questions you have about them or the previous week's lecture. I will go over the homework problems and answer any questions you have about them or the previous week's lecture.

Text:

"Organic Chemistry" by Joseph M. Hornback

E-Mail:

jhornbeck@du.edu

Phone:

(303) 871-2981

Office:

232 S.G. Mudd Building

Instructor:

Joseph M. Hornback

Fall Quarter, 2003

Organic Chemistry

CHM 2453
<table>
<thead>
<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>READING ASSIGNMENT &amp; PROBLEMS</th>
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<tbody>
<tr>
<td>Sept. 8</td>
<td>Chapter 15</td>
<td>Nucleophilic Substitutions at the Carbonyl Group (Read pp. 693-739, Problems 15,1ac; 2, 3, 5-10, 13-16, 17abd, 18, 20, 25, 27, 28, 33, 38bdegh, 39, 40)</td>
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<tr>
<td>Sept. 10</td>
<td>Nucleophile Reactions</td>
<td>Continue Chapter 18 and Nucleophiles Problems 9-11, 12be, 14, 15, 16be, 17, 21, 22d, 25, 26a-dig, 27-29, 34-36.</td>
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<tr>
<td>Sept. 15</td>
<td>Continue</td>
<td>Continue Chapter 16 and Other Carbon Compounds Problems 16d, 17, 20, 25.</td>
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<tr>
<td>Sept. 17</td>
<td>Continue</td>
<td>Continue Chapter 17 and Benzene and Aromatic Compounds Read pp. 807-830, Problems 17,3-7, 9, 12-14, 16, 17, 20, 25.</td>
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<tr>
<td>Sept. 24</td>
<td>Continue</td>
<td>Continue Chapter 17 and Benzene and Aromatic Compounds Read pp. 807-830, Problems 17,3-7, 9, 12-14, 16, 17, 20, 25.</td>
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<tr>
<td>Oct. 1</td>
<td>EXAM 1</td>
<td>Review and Prepare for Exam.</td>
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<td>Oct. 8</td>
<td></td>
<td>Finish Up Exam Preparation.</td>
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**TENTATIVE LECTURE OUTLINE**

- **EXAM 1**
  - Continue Chapter 18 and Aromatic Substitution Reactions

- **Chapter 16**
  - Nucleophile Reactions
  - Problems 9-11, 12be, 14, 15, 16be, 17, 21, 22d, 25, 26a-dig, 27-29, 34-36.

- **Chapter 17**
  - Benzene and Aromatic Compounds
  - Problems 17,3-7, 9, 12-14, 16, 17, 20, 25.

- **Chapter 18**
  - Aromatic Substitution Reactions
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<tr>
<td><strong>FINAL EXAM</strong></td>
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