CHEM 2453
ORGANIC CHEMISTRY
FALL QUARTER, 2007

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Home Page: www.nsm.du.edu/organic

Help Sessions: There is no formal recitation associated with this class. There will be no weekly quizzes. There will be a help session each Tuesday at 8:00 am. During these sessions I will go over the homework problems and answer any questions you have about them or the previous week's lecture. 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 a conflict, make an appointment by calling me at X12981.

Homework: In the lecture outline you will find a set of recommended homework problems for each chapter. You do not have to turn in these problems. However, make sure you do enough of them to be sure you understand them. Working these problems is the best way to learn the material and to prepare for the exams since the exam problems will be similar to the homework problems. Working the problems also tells you whether you really understand the material or not.

It is also important to keep up with the material as it is covered in class. Read your book and work the appropriate problems soon after the material is covered in class. If you fall behind, you will make the class much more difficult for yourself.

Exams and Grading: There will be two 50 min. exams during the quarter and one 1.75-hour, cumulative final exam, each worth 200 points. If your lowest hour exam score is lower than your final exam score, the hour exam score will be dropped and the final will count double. There will be no make-up exams. If you miss an exam, for any reason, it will have to count as the dropped exam. Your final grade will be based on a maximum of 669 points, distributed as follows: hour exams and final exam, 600 points, attendance and class participation, 69 points.
<table>
<thead>
<tr>
<th>DATE</th>
<th>TOPIC</th>
<th>READING ASSIGNMENT &amp; PROBLEMS</th>
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<tr>
<td>Sept. 10</td>
<td>Chapter 12</td>
<td>Read pp. 466-488, 491-494. Problems 12.1-4, 7, 8, 11, 12, 14, 15, 19, 20, 21-23.</td>
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<td>Functional Groups and Nomenclature II</td>
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<td>Sept. 12</td>
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<td>Additions to the Carbonyl Group</td>
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<td>Sept. 26</td>
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<td>Substitutions at the Carbonyl Group</td>
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<tr>
<td>Oct. 3</td>
<td>EXAM 1</td>
<td>Chapters 12 and 18</td>
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<td>Enolate and Other Carbon Nucleophiles</td>
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Oct. 17  
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Oct. 22  
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Nov.  7  
Nov.  9  
Nov. 12 
Nov. 14  
Nov. 16  
Nov. 17  

**Oct. 22**  
Chapter 21  
The Chemistry of Radicals  
Read pp. 918-948.  

**Oct. 29**  
Chapter 22  
Pericyclic Reactions  
Read pp. 956-1001.  

**Oct. 31**  
Exam 2  
Chapters 19, 20, and 21

**Nov.  2**  
continue Chapter 22

**Nov.  5**  
continue

**Nov.  7**  
continue

**Nov.  9**  
continue

**Nov. 12**  
continue

**Nov. 14**  
Chapter 25  
Carbohydrates  
Read pp. 1085-1110.  
Problems 25.1-23.

**Nov. 16**  
continue

**Nov. 17**  
**FINAL EXAM**  
(8:00 - 9:45 am)  
Cumulative