Organic Chemistry 331 (Spring 2013)
Meetings: MWF, 1:00 -1:50 pm
Location: Faraday Hall 143
Instructor: Prof. Timothy J. Hagen
Office: FR 350, Office Hours: M, T, R 12:00-12:50 PM or by appointment
Email: thagen@niu.edu
Phone: (815) 753-1463

Tentative Lecture Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Chapter</th>
<th>Exams</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>1/14 to 1/18</td>
<td>Chapter 11 (skip sect. 15 and 16)</td>
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<tr>
<td>2</td>
<td>1/23 and 1/25</td>
<td>Chapter 11 and Chapter 12</td>
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<td>3</td>
<td>1/28 to 2/1</td>
<td>Chapter 12</td>
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<td>4</td>
<td>2/4 to 2/8</td>
<td>Chapter 12 continued</td>
<td>Exam 1 2/8</td>
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<td>5</td>
<td>2/11 to 2/15</td>
<td>Chapter 14 (skip sect. 9, 11-14 and 16)</td>
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<td>6</td>
<td>2/18 to 2/22</td>
<td>Chapter 15 (skip sect. 10 and 15)</td>
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<td>7</td>
<td>2/25 to 3/1</td>
<td>Chapter 16 (skip sect. 18)</td>
<td>Exam 2 3/1</td>
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<td>8</td>
<td>3/4 to 3/8</td>
<td>Chapter 17 (skip sect. 16)</td>
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<tr>
<td>9</td>
<td>3/11 to 3/15</td>
<td>Spring Break – No class</td>
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<tr>
<td>10</td>
<td>3/18 to 3/22</td>
<td>Chapter 18 (skip sect. 9 and17)</td>
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<tr>
<td>11</td>
<td>3/25 to 3/29</td>
<td>Chapter 19 (skip sect. 20)</td>
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<td>12</td>
<td>4/1 to 4/5</td>
<td>Chapter 20 (skip sect. 2 and 16)</td>
<td>Exam 3 4/5</td>
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<td>13</td>
<td>4/8 to 4/12</td>
<td>Chapter 21 (skip sect. 5,12 and 19)</td>
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<tr>
<td>14</td>
<td>4/15 to 4/19</td>
<td>Chapter 21 continued</td>
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<tr>
<td>15</td>
<td>4/22 to 4/26</td>
<td>Chapter 22 (skip sect. 9-13 and 15)</td>
<td>Exam 4 4/26</td>
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<tr>
<td>16</td>
<td>4/29 and 5/1</td>
<td>Chapters 24/25</td>
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<td>17</td>
<td>Final Exam: Wednesday, May 8, 2013 12:00 to 1:50</td>
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On-Line Course Information: Blackboard (https://webcourses.niu.edu)

Materials: “Organic Chemistry”, Francis A. Carey (8th ed.), McGraw-Hill & its accompanying learning materials including McGraw-Hill Connect (on-line homework). An access code for Connect is bundled with the textbook or you may purchase one online the first time that you login to the course website.

Optional texts: Solutions Manual by Francis A. Carey and Robert M. Giuliano
Recommended: Molecular models kit

Class Format: The course will be composed of lectures, in-class exams and online learning tools and assessments.

It is important that you attend class. The in-class lectures need to be supplemented by your reading of the text, working of problems and exams. If you miss a class, it is your responsibility to acquire the lecture notes and any assigned class work from a fellow classmate and you should check Blackboard each day for postings.

BlackBoard Access: You must know your student id login and password.
https://webcourses.niu.edu/webapps/portal/frameset.jsp

Exams and Grades: The course grade will be assigned based on your point totals from the four exams and online homework (Learn Smart) and online quizzes administered through Connect. The course grade will be assigned based on your point totals from the four exams, ten quizzes, Learnsmart and a final exam. The exams will be conducted in class on the dates indicated in the tentative schedule above. There will be no make-up exams. The lowest exam score will be dropped. If an exam is missed then the missed exam will count as a dropped score. If you miss more than one exam, you will receive zero points for those exams. No make-up quizzes will be given. The quizzes and Learnsmart will be administered through Connect accessed through the NIU Blackboard system. If more than ten quizzes are given then the lowest scores will be dropped.
Final Exam: The 200 point final exam will be comprehensive and will be given on Wednesday, May 8th from 12:00 - 1:50 am. The point total is as follows:

NOTE: by enrolling in this class, you are agreeing to take the exams on the scheduled dates.

The point total is as follows:
- Exams (Best 3 of 4 at 100 pts each) 300 points
- Quizzes (ten at 10 pts each) 100 Points
- Learn Smart 50 Points
- Final exam (Wed, 5/8/13 at 12 noon-1:50 pm) 200 points
Total Points 650 Points

Approximate Scale: Average grade: A (100-85%), B (84-70%), C (69-55%), D (54-45%)

Optional Study Group Sessions: I will hold an optional one-hour group study session to go over material and work through problems.

Extra Credit: THERE IS NO EXTRA CREDIT AVAILABLE.

Requests for regrades will be accepted for one week after the day the exams are distributed in class.
To request a regrade, list the pages and numbers of the problems that you believe were graded incorrectly along with reasons for a regrade and submit this list along with the original exam. The requests will be reviewed, and exams will be returned during the next class meeting. **If the exam pages are altered in any way, the request for regrade will be denied.**

Notification Of Services For Students With Documented Disabilities NIU abides by Section 504 of the Rehabilitation Act of 1973 which mandates reasonable accommodations be provided for qualified students with disabilities. If you have a disability and may require some type of instructional and/or examination accommodation, you will need to register with the Center for Access-Ability Resources (CAAR), the designated office on campus to provide services and administer exams with accommodations for students with disabilities. The CAAR office is located on the 4th floor of the University Health Services building (815-753-1303). Accommodations are not retroactive. Please contact me early in the semester so that I can provide or facilitate in providing accommodations you may need. You must for each exam have a form filled out about 10 business days in advance to be sure to have a CAAR test time appointment.

Important deadlines: [http://www.niu.edu/clasadvising/dates/index.shtml](http://www.niu.edu/clasadvising/dates/index.shtml)
- January 20 Last day to drop the course via MyNIU
- January 25 Last day to drop the course with the College approval
- March 8 Last day to withdraw from the course
Recommended Problems
It is impossible to master organic chemistry just by reading the textbook and attending lectures. It takes practice to understand the principles of organic chemistry and to convert them into useful skills. It is important to solve many problems. You should work all in-text problems while you are reading the material. If you cannot solve them, do not go forward, but reread the previous sections until you understand how to do the problem. Once you have completed the chapter, do additional problems at the end of the chapter.
The list of the problems below will help focusing your attention on the problems most relevant to the topics discussed in class. While these problems will not be collected and graded, some of these problems will appear on the quizzes and exams. You are encouraged to work as many problems as possible, including problems not on the list, and I, of course, will be happy to discuss any of them during the office hours or study sessions.

Chapter Problems
11 32 – 36, 38, 39chi, 40, 41, 44 – 48, 50 – 54, 56, 57
12 34 – 38, 39abcd-in 41, 43 – 46, 47abc, 50, 57 – 59, 61, 62, 64 – 68, 72
14 15 – 17, 18a-m, 19, 20abde, 21 – 23, 24abcfg
15 18 – 21, 22abcd, 23acd, 24bc, 25, 27a-fh, 28a-f, 34
16 21, 22, 24, 25, 28, 30 – 32, 34, 36
17 23 – 27, 29 – 33, 35, 39ad, 45
18 13 – 16, 19 – 22, 24
19 27 – 30, 33a-g, 35, 44, 47
20 45, 46, 47a, 48, 51, 54 – 56, 60 – 63, 68 – 72, 75 – 79, 84ac, 85
21 23 – 28, 31, 35 – 40, 50, 53, 54
22 13 – 14, 16, 17
24 19, 20, 22, 30 – 32, 34
25 28, 29, 31, 34, 36, 37