Prerequisites: CHM 314 minimum grade of C-
CHM 318L is NOT a co-requisite.


Ancillary Materials: Molecular Model Set from SAACS club and Bookstore

Reading: Selected materials from Chapters 6-11, 14 & 18 and related outside materials will be covered. Students are responsible for all text material. Reading of the textbook prior to class is highly encouraged and is an optimal way to learn the material.

Examinations:
- Exam I (week 5): Mon. Feb. 3, 2014 (50 min.)
- Exam II (week 8): Fri. Feb. 28, 2014 (50 min.)
- Final: Sec. 2 Mon. 3/17/14 (9:10-11:10a)
- Sec. 1 Mon. 3/17/14 (1:40a-3:30p)

***Exams are required. No Makeup Exams Will Be Given. If you miss an exam, you must contact me prior to the exam and as soon as possible provide a written, official, acceptable excuse to validate your absence.***

Quizzes: There will be 4 quizzes (25 pts. each). There will not be any make up quizzes.

Homework (Optional): Problems will be assigned throughout the quarter. Each completed homework could earn you 8 points. Homework must be hand written and only selected problems will be graded.
- 8 points: On time, complete, & checked problems solved correctly
- 4 points: On time, complete, & checked problems w/some errors
- 0 Points: Incomplete (or turned in late)

Success in this course is closely aligned with the amount of homework you complete and understand! A staple holding the problems from each chapter would be appreciated!

Point Distribution:
- Exam I: 100pts
- Quizzes: 100 pts
- Exam II: 100pts
- HW (Optional): 32 pts
- Final: 200 pts

Grading: Grades will be assigned based on the percentage of points earned from the graded materials listed above. Grades will be assigned using +/- markings (i.e. A- and C+).
- A (100-86%), B (85-70%), C (69-55%), D (54-45%)
Incompletes: An Incomplete will be granted only if a student is passing the course (C or better) and has a university-recognized excuse. Otherwise, a grade of WU (unauthorized withdraw) will be issued (e.g., if the final is not taken).

Academic Dishonesty: Any student who violates this code of integrity in the University Catalog shall receive a ‘0’ for that particular assignment, quiz, or exam and the incident will be forwarded to Judicial Affairs.

### Organic Chemistry CHM 315, Winter 2014 Tentative Schedule

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<th>Week</th>
<th>Mon</th>
<th>Wed</th>
<th>Fri</th>
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<tr>
<td>1</td>
<td>1/6 Review Chap. 6</td>
<td>1/8 Chapter 6</td>
<td>1/10 Chapter 6</td>
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<td>2</td>
<td>1/13 Chapter 7</td>
<td>1/15 Chapter 7</td>
<td>1/17 Chapter 8, Q1, HW1</td>
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<td>3</td>
<td>1/20 Holiday</td>
<td>1/22 Chapter 8</td>
<td>1/24 Chapter 8</td>
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<td>4</td>
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<td><strong>Q2, HW2</strong></td>
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<tr>
<td>5</td>
<td>2/3 Exam I</td>
<td>2/5 Chapter 10</td>
<td>2/7 Chapter 10</td>
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<td>6</td>
<td>2/10 Chapter 10</td>
<td>2/12 Chapter 11</td>
<td>2/14 Holiday</td>
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<td>7</td>
<td>2/17 Chapter 11</td>
<td>2/19 Chapter 14</td>
<td>2/21 No Class</td>
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<td><strong>Q3, HW3</strong></td>
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<td>8</td>
<td>2/24 Chapter 14</td>
<td>2/26 Chapter 14</td>
<td>2/28 EXAM II</td>
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<td>3/3 Chapter 18</td>
<td>3/5 Chapter 18</td>
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<td>3/10 Chapter 18</td>
<td>3/12 Chapter 18</td>
<td>3/14 Chapter 18, Q4, HW4</td>
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### CHM 314 Learning Objectives By Chapter (Wade text):

- **Chapter 6**: Elimination Reactions, E1 & E2 (Sections 6-17 – 6-21)
- **Chapter 7**: Structure & Synthesis of Alkenes (skip Sections 7-9D and 7-11)
- **Chapter 8**: Reactions of Alkenes (skip carbenes, Section 8-11)
- **Chapter 9**: Reactions of Alkynes
- **Chapter 10**: Structure, Synthesis of Alcohols (skip Section 10-9D)
- **Chapter 11**: Reactions of Alcohols (skip esters, Sections 11-12 and 11-13)
- **Chapter 14**: Reactions of Ethers and Epoxides (skip Sections 14-4 and 14-6, add 8-13)
- **Chapter 18**: Aldehydes and Ketones (skip Sections 18-8, 18-9 and 18-10)
Expected Outcome:

You should have a working knowledge of the basic principles of organic chemistry as described above. This preparation is essential for success in Chem 316. You must receive a C- or higher to move onto CHM 316. Success in the second and third quarters is built upon a strong foundation from the first quarter. Dedicate yourself to building on these fundamentals, and you may come to really like (or even love) this topic!

Tips and Tools for Success: The next 10 weeks is similar to building a relationship

I the instructor agree to:
Come to class prepared,
Be an efficient communicator,
Answer questions in class and in office hours,
Provide you with a platform to gather an understanding of organic chemistry, and
Challenge you on exams and quizzes to assess your level of understanding.

You the students agree to:
Prepare by reading the text and reviewing previous lecture notes before class,
Attend class (or get notes from a friend if you are occasionally absent),
Be actively engaged in class through questioning and participation,
Gain a greater understanding of organic chemistry by completing practice problems,
Make use of office hours with questions or practice problems,
Begin studying for an exam weeks in advance (cramming is a huge mistake).