Overview: Organic chemistry is central to our world. Understanding organic reactivity will help you understand many processes. I hope this course will interest and challenge you.

Instructor: Prof. Jeff Davis (Office is CHM 3345, x5-1845, jdavis@umd.edu)
Lecture: MWF, 9:00-9:50 am (Room CHM 1224)
Office Hours: Tuesdays & Thursdays 8:30-9:30 am (CHM 3345). Please take advantage of these office hours if you have questions about the class or about chemistry.

Discussion: Discussions are scheduled for Tuesdays at 12:30-1:20 and 2:00-2:50 pm in room CHM 0124. Your discussion TA is Deana Jaber.

Lab Supervisor: Dr. Lee Friedman (CHM 1130B, 405-1846, laf2h@umd.edu)


Other Resources: Molecular Model Kit- Organic structures and stereochemistry are often visual and hand held models can really help. I strongly recommend getting a model kit.

Old exams are located on my website (www.chem.umd.edu/groups/davis/courses.html). These exams will give you an idea of the types of questions that I tend to ask.
**Tentative Lecture Schedule***

Exam 1  Chapter 1: Structure Determines Properties  
Chapter 2: Alkanes & Cycloalkanes-Introduction  
Chapter 3: Alkanes & Cycloalkanes-Conformations

Exam 2  Chapter 4: Alcohols and Alkyl Halides  
Chapter 5: Structure of Alkenes  
Chapter 6: Reactions of Alkenes

Exam 3  Chapter 7: Stereochemistry  
Chapter 8: Nucleophilic Substitution

Exam 4  Chapter 9: Alkynes  
Chapter 13: Spectroscopy

This sequence is tentative. I don’t lecture directly from the book, but you are responsible for all assigned reading not covered in lecture.

**Our Exam Schedule**

Hour exams will be held in the evening from 7:00-9:00 pm in CHM xxxx. Exams will be written so that they will be 1-hour exams, but you will have 2 hours to complete the exams.

<table>
<thead>
<tr>
<th>Dates</th>
<th>Test Type</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed, Feb. 18</td>
<td>Exam #1</td>
<td>125 points</td>
</tr>
<tr>
<td>Wed, March 11</td>
<td>Exam #2</td>
<td>125 points</td>
</tr>
<tr>
<td>Wed, April 15</td>
<td>Exam #3</td>
<td>125 points</td>
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<tr>
<td>Wed, May 6</td>
<td>Exam #4</td>
<td>125 points</td>
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<tr>
<td>Fri, May 15</td>
<td>Final Exam</td>
<td>250 points</td>
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<tr>
<td></td>
<td>Total Exam Points</td>
<td>750 points</td>
</tr>
</tbody>
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**Grading System**

The course has 1000 points. Exams count 75%, while lab is 25%. There are 4 125-pt exams and a 250-pt final. Lab, including reports and quizzes, totals 250 points. The total number of points that you accumulate will determine your grade, according to the following criteria:

A  1000-800  B  799-700  C  699-500  D  499-400  F  <400 points

These grades are derived from analysis of scores for 2500+ students who have taken Organic Chemistry with me over 15+ years. Plus/minus grading may be used in some cases.
Other Important Information

Academic Integrity: This course requires a lot of effort and it is essential that we work in an honest way. It should be your work that is evaluated and the integrity of this course depends on you. You will be asked to sign an honor pledge at each exam. For more information on the Code of Academic Integrity [http://www.studenthonorcouncil.umd.edu/whatis.html](http://www.studenthonorcouncil.umd.edu/whatis.html)

Exam Make-up: It is University policy to excuse the absences of students that result from: illness; religious observance; participation in university activities; and circumstances beyond the student’s control. If you know of a religious observance or University activity that will preclude you from taking a scheduled exam please let me know in writing (email) within 2 weeks of the start of the semester. If you are ill or have some other problem that keeps you from an exam you must notify me within 24 hours of the missed exam. Make-up exams will be on Tues, May 12 at 9 AM.

Exam Re-Grades: All re-grades must be turned in within 1 week. Steps to take for re-grade:
1. Assess why you feel you were unfairly graded
2. Write a clear explanation for why you feel a certain problem should be re-graded.
3. Attach your explanation to the front of your exam and give to the Discussion TA.
4. I will then consider your request and may then re-grade the entire exam.

Course Evaluations: This spring will mark the second year of the new online course evaluation system, CourseEvalUM. Your participation will make a real contribution to our academic programs. Faculty and administrators value your feedback, and students will benefit from your evaluations. CourseEvalUM will open for students toward the end of the semester. Students can go directly to the website [www.courseevalum.umd.edu](http://www.courseevalum.umd.edu) to complete their evaluations.

Study Hints

“Excuse me, but how do I get to Carnegie Hall?” Practice, practice, practice.

- **Do problems.** Do as many problems as possible and study the solutions manual.
- **Be disciplined.** Study at least 1 hour every day, copy over notes after lecture
- **Prepare for the future.** Read assignments before lecture.
- **Learn from the past.** Study old exams.
- **Ask questions** in class, lab, discussion and office hours.
- **Work together.** Form a study group and test each other.
- **Fundamentals.** Don’t memorize, but understand.
- **Make models.** Both hand-held and computer models.
- **Make connections.** Relate lecture, reading and problems.
- **Keep trying.** Don’t give up.