**Disclaimer** This syllabus is to be used as a guideline only. The information provided is a summary of topics to be covered in the class. Information contained in this document such as assignments, grading scales, due dates, office hours, required books and materials may be from a previous semester and are subject to change. Please refer to your instructor for the most recent version of the syllabus.

ORGANIC CHEMISTRY
CHEM 241b - Spring 2014

Instructor Info: Dr. Hamish Christie, 322 Koffler
email: hamishc@email.arizona.edu
Telephone: 626-8311

Office Hours: Mo 1:00 – 1:50 pm
Th 9:30 – 10:30 am
or by appointment

Lectures: Tu Th 5:00 pm – 6:15 pm, Koffler 204

Discussion hours: Tu Th 6:30 pm – 7:20 pm, Koffler 204


Other materials: Study Guide and Solutions Manual to accompany Organic Chemistry (the Textbook) by Paula Yurkanis Bruice, 7th Ed.

Online Homework Access: An account with Sapling Learning - saplinglearning.com

Model Kit: HGS molecular structure model (strongly recommended over other available model kits) - These kits are available from Alpha Chi Sigma in the Chemistry Department.

Course Objectives: Organic chemistry describes the chemistry of carbon containing compounds. Learning the language of organic chemistry allows an understanding, at the molecular level, of diverse fields ranging from biology and medicine to materials science. Chem 241b is the second semester of a two semester course on this subject. This course will build on concepts and ideas learned in the first semester. The structure and reactivity of various important types of organic compounds will be examined. Organic compound reactivity will also be revealed through examination of organic reactions and their mechanisms. The utility of these understandings will also be explored in the context of synthesis. The latter part of the semester will concentrate on organic structures, reactions, and mechanisms that are important to gaining a molecular-level understanding of biological systems.

Course Websites: The course website will be accessible through D2L, http://d2l.arizona.edu. After logging in using your NetID, you will find course material and your grades in the class.

Homework: Online homework will be done using Sapling Learning. To get started do the following:

1. Go to http://saplinglearning.com and click on your country ("US Higher Ed") at the top right.
2a. If you already have a Sapling Learning account, log in and skip to step 3.
2b. If you have Facebook account, you can use it to quickly create a SaplingLearning account. Click "Create an Account", then "Create my account through Facebook". You will be prompted to log into Facebook if you aren't already. Choose a username and password, then click "Link Account". You can then skip to step 3.
2c. Otherwise, click "create account". Supply the requested information and click "Create my new account". Check your email (and spam filter) for a message from Sapling Learning and click on the link provided in that email.
3. Find your course in the list (you may need to expand the subject and term categories) and click the link.
4. If your course requires a key code, you will be prompted to enter it. Select a payment option and follow the remaining instructions.
5. Work on the Sapling Learning training materials. The activities, videos, and information pages will familiarize you with the Sapling Learning user environment and serve as tutorials for efficiently drawing molecules, stereochemistry, etc. within the Sapling Learning answer modules. These training materials are already accessible in your Sapling Learning course.

Once you have registered and enrolled, you can log in at any time to complete or review your homework assignments. During sign up - and throughout the term - if you have any technical problems or grading issues, send an email to support@saplinglearning.com explaining the issue. The Sapling support team is almost always more able (and faster) to resolve issues than your instructor.

**Exams:**

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
<th>Approximate Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam 1</td>
<td>Thursday, Feb. 6th</td>
<td>Ch 13-15</td>
</tr>
<tr>
<td>Exam 2</td>
<td>Thursday, Feb. 27th</td>
<td>Ch 16-17</td>
</tr>
<tr>
<td>Exam 3</td>
<td>Thursday, Apr. 3rd</td>
<td>Ch 18-20</td>
</tr>
<tr>
<td>Exam 4</td>
<td>Thursday, Apr. 24th</td>
<td>Ch 21, 22</td>
</tr>
<tr>
<td>Final Exam</td>
<td>Tuesday, May 13th  (6:00-8:00 pm)</td>
<td>Comprehensive (13-22, 26, 27)</td>
</tr>
</tbody>
</table>

**Midterm Exams:** There will be four mid-term exams as shown in the schedule above. These exams will occur in Koffler 204 instead of lecture on those days. These exams will focus on recently covered chapters, however the material is cumulative.

**Final Exam:** The final exam will be held 6:00-8:00 pm, in the usual classroom. The exam will be comprehensive. You will be responsible for all material covered during the semester.

**Electronic Devices:** Calculators or other electronic devices are not permitted, or needed, for exams.

**Grading:**

- Online homework - 100 points
- Midterm exams - 300 points
- Final exam - 200 points

The lowest hour exam score will be dropped; the final exam score may not be dropped. **Make-up exams:** NO LATE MAKE-UPS for exams are allowed. In special circumstances and with permission of the instructor, exams can be taken early.

**Regrades** are accepted to correct totaling errors and if points were taken off for correct answers (as compared with the answer key). If you are confident that an error has occurred (carefully compare your answers with those on the posted answer key), then you must fill out a 'regrade' form (available at the TSO - Koffler 201), including a brief explanation of what is wrong. Exams must be submitted for 'regrade', along with the written explanation, no later than ONE WEEK (seven days) after the work was returned to you. The complete exam will be regraded. An exam may be submitted for regrade only once - be sure you review everything! **Do make any new marks on the exam** if any writing, drawing, etc. appears on the exam, other
than your original answers and the grader’s marks, the exam will not be regraded. 

*A grade of “Incomplete”* can only be obtained at the end of the semester, when all but a minor portion of the course work has been satisfactorily completed, and when a valid argument can be made to the Instructor as to why an Incomplete should be awarded. Consult the General Catalog for the University policy on incompletes.

**Absence Policy:** All holidays or special events observed by organized religions will be honored for those students who show affiliation with that particular religion. Absences pre-approved by the UA Dean of Students (or Dean’s designee) will be honored.

**Classroom Behavior:** Students will treat the instructor and their fellow students with respect. The use of cell phones and pagers in the classroom is strictly forbidden. The University seeks to promote a safe environment where students and employees may participate in the educational process without compromising their health, safety or welfare. The policies are outlined on the following website. [http://policy.web.arizona.edu/threatening-behavior-students](http://policy.web.arizona.edu/threatening-behavior-students)

**University Code of Conduct and the Code of Academic Integrity:** The Dean of Students’ office provides you with a link to a comprehensive index of important University policies and procedures: [http://deanofstudents.arizona.edu/codeofacademicintegrity](http://deanofstudents.arizona.edu/codeofacademicintegrity)

All students in this class have to follow the University Code of Conduct and the Code of Academic Integrity. Any violations will be reported to the Dean of Student’s Office.

**Disability Resource Center:** If you anticipate the need for reasonable accommodations to meet the requirements of this course, you must register with the Disability Resource Center and request that the DRC send me official notification of your accommodation needs as soon as possible. Please plan to meet with me by appointment or during office hours to discuss accommodations and how my course requirements and activities may impact your ability to fully participate. Contact DRC and instructions are given at the following website: [http://drc.arizona.edu](http://drc.arizona.edu)

The information contained in this course syllabus, other than the grade and absence policies, may be subject to change with reasonable advance notice, as deemed appropriate by this instructor.