Introductory to Organic Chemistry ~ CHM 124
Course Information & Syllabus ~ Fall Semester, 2008

Instructor

Cindy Graham Brittain, PhD
Office: Pastore 215B
Phone: 401-874-2028
Email: cbrittain@chm.uri.edu
Office Hours posted at: http://www.chm.uri.edu/chm126/index.html

Lecture Materials

Custom textbook: Organic and Biochemistry for Today, with Additional Readings (Seager/Slabaugh/Bettelheim)
OR standard textbook:
Chemistry for Today: General, Organic, and Biochemistry, 5th or 6th Edition (Seager & Slabaugh)
Available at campus (and other) bookstores, or online at iChapters.com
Additional materials at the CHM 103/105 course website: http://www.chm.uri.edu/chm126/index.html
Students are expected to print their own copies of posted documents and to carefully study all lecture materials.

Class Meetings

T Th 8:00 AM – 9:15 AM Pastore 124

Grading Policy

Each student’s course grade will be based on the following:

4 Lecture Exams (20% each) 80%
Comprehensive Final Exam 20%

100%

The grade for any one of the four Lecture Exams that is missed (OR substantially lower than the Final Exam) may be replaced by the Final Exam score. Thus the Final Exam may count as much as 40% of a student’s overall grade. NO extra credit assignments will be given, and the standard grading scale will be in effect: 90%+ = A, 80-89% = B, 70-79% = C, 60-69% = D, <60% = F. Students who score 95% or higher on EACH ONE of the FOUR lecture exams will be exempt from the Final Exam.

The purpose of using the Final Exam as a replacement for a missed Lecture Exam is to eliminate the need for make-up tests for any students who are absent on the day of a Lecture Exam. ALL students MUST adhere to the exam schedule specified on the syllabus. NO make-up tests will be given, with the exception of students who provide documentation (from the URI Athletic or Disability Services Offices) that specifies the need for alternate testing or additional time. Alternate test arrangements for these students (as well as those observing religious holidays) must be made a minimum of one week prior to the scheduled exam.

Exam questions will have a variety of formats, including short answer, multiple-choice, fill-in-the-blank, and essay/problem-solving. The questions will come directly from the content presented and discussed during lecture, and are likely to be similar to the recommended problems in the textbook and/or provided as handouts. Students should commit to working as many of these homework problems as possible as practice for taking exams; the goal is to become confident and efficient at analyzing and solving problems. Students who get the MOST practice solving problems tend to have the greatest success in this course.

If the Kingston campus is closed due to weather (or other unexpected event) on a scheduled Lecture Exam day, students should anticipate that the exam will be given at the next class meeting.

Students should anticipate that graded exam papers will be returned approximately one week after the exam date (via the Pastore hallway mailboxes), and should not inquire as to the status of their test papers.
Lecture Attendance, Preparation, and Participation

Students need to plan for significant study time outside of class. A rule of thumb for most chemistry courses: 2 to 3 hours of study time outside of class for every 1 hour of in-class lecture. As lecture meets 2 ½ hours each week, this means that students should plan to study 5 to 7½ hours every week.

Students should prepare to participate actively in each lecture by:

- Becoming familiar with the topic of each lecture ahead of time
- Spending time before each lecture reviewing the Skills Summaries and previous lecture notes
- Practicing the recommended problems related to current lecture topics

CONSISTENT lecture attendance is ESSENTIAL for success in this course. The most significant mistake a student can make in this course is to miss lecture. The 2nd most significant mistake is to attend lecture, but be inattentive (or worse, disruptive, and thus distracting to those seated nearby).

Each student should identify several study partners that are in the same lecture section. In the event of an absence, students should plan to immediately obtain copies of missed lecture content from their study partners.

You CANNOT AFFORD TO FALL BEHIND in this course! EVERY new concept will build on concepts that students should have previously MASTERED in this course (or in the pre-requisite course: CHM 101/112 or CHM 103). You MUST take responsibility for reviewing those concepts as needed.

Study Help Resources

- **Chemistry Graduate Student Teaching Assistants in the Chemistry TA Help Office, Pastore 215.** The Chemistry Help Office provides a comfortable study area for working on lecture problems or preparing for lab. If you have a general question about lecture, or need help with problem-solving, you can see any one of the TAs (however, those TAs teaching the 126 or 226 organic labs will be most familiar with the content of this course). A complete schedule of TA office hours is posted at: [http://www.chm.uri.edu/chm126/index.html](http://www.chm.uri.edu/chm126/index.html).

- **Tutors at the Academic Enhancement Center.** The AEC in Roosevelt Hall offers a comfortable environment in which to study alone or in groups, with or without a tutor. AEC tutors are fellow students who have taken the courses, and they can answer questions, clarify concepts, check for understanding, and help with study. Students are encouraged to make an appointment, but are also welcome to simply walk in during office hours: M – Th (9 AM – 9 PM), F (9 AM – 1 PM), and Sun (4 PM – 8 PM). For a complete schedule (including when tutors are available for this class), see the AEC website at [www.uri.edu/aec](http://www.uri.edu/aec), call (401) 874-2367, or stop by the 4th floor in Roosevelt Hall.

Academic Honesty

Academic dishonesty in any form is considered a serious offense, and disciplinary action will be taken immediately. The URI policy on academic honesty is detailed in the student handbook (available online), and it is summarized below:

Students are expected to be honest in all academic work. A student’s name on any written work, including assignments, lab reports, papers, or exams, shall be regarded as assurance that the work is the result of the student’s own thought and study. Work should be stated in the student’s own words, and produced without assistance (or properly attributed to its source). When students are authorized to work jointly, group effort must be indicated on the work submitted.

The following are examples of academic dishonesty:

- Unauthorized communication during exams.
- Unauthorized use of another’s work or preparing work for another student.
- Taking an exam for another student.
- Altering or attempting to alter grades.
- The use of notes or electronic devices such as calculators, computers, or cell phones to gain an unauthorized advantage during exams.
- Fabricating or falsifying facts, data, or references.
- Facilitating or aiding another’s academic dishonesty.

When there is an allegation of academic dishonesty, the instructor may:

- Fail the student for the assignment, or recommend that the student fail the course.
## Syllabus

<table>
<thead>
<tr>
<th>Week #</th>
<th>TUESDAY</th>
<th>THURSDAY</th>
</tr>
</thead>
</table>
| 1      | 9/2: Advising Day | 9/4: Course Information  
S/S Ch 11: Organic Compounds ~ Alkanes |
| 2      | 9/9:  
S/S Ch 11: Organic Compounds ~ Alkanes | 9/11:  
S/S Ch 12: Unsaturated Hydrocarbons ~ Alkenes, Alkynes, Aromatics |
| 3      | 9/16:  
S/S Ch 12: Unsaturated Hydrocarbons ~ Alkenes, Alkynes, Aromatics | 9/18:  
EXAM 1 |
| 4      | 9/23:  
S/S Ch 12: Unsaturated Hydrocarbons ~ Alkenes, Alkynes, Aromatics | 9/25:  
S/S Ch 13: Alcohols, Phenols, and Ethers |
| 5      | 9/30:  
S/S Ch 13: Alcohols, Phenols, and Ethers | 10/2:  
S/S Ch 13: Alcohols, Phenols, and Ethers |
| 6      | 10/7:  
S/S Ch 14: Aldehydes and Ketones | 10/9:  
S/S Ch 14: Aldehydes and Ketones |
| 7      | 10/14: EXAM 2 | 10/16:  
S/S Ch 15: Carboxylic Acids and their Derivatives |
| 8      | 10/21:  
S/S Ch 15: Carboxylic Acids and their Derivatives | 10/23:  
S/S Ch 15: Carboxylic Acids and their Derivatives |
| 9      | 10/28:  
S/S Ch 16: Amines and Amides | 10/30:  
S/S Ch 16: Amines and Amides |
| 10     | 11/4: Election Day  
Classes do not meet | 11/6:  
S/S Ch 17: Carbohydrates  
B/B Ch 9: Chirality |
| 11     | 11/12: EXAM 3  
NOTE: This is the WEDNESDAY after Veterans’ Day. | 11/13:  
S/S Ch 17: Carbohydrates  
B/B Ch 9: Chirality |
| 12     | 11/18:  
S/S Ch 17: Carbohydrates  
S/S Ch 18: Lipids | 11/20:  
S/S Ch 18: Lipids |
| 13     | 11/25:  
S/S Ch 19: Proteins | 11/27: Thanksgiving Holiday |
| 14     | 12/2:  
S/S Ch 18: Lipids  
S/S Ch 19: Proteins | 12/4:  
S/S Ch 19: Proteins |
| 15     | 12/9: EXAM 4  
Last Day of Classes |  |
**Guide to the Custom Text Table of Contents**

<table>
<thead>
<tr>
<th>Custom Text Chapter #</th>
<th>Chapter Title</th>
<th>Actual Chapter #</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><em>Forces Between Particles</em></td>
<td><em>Seager/Slabaugh Chapter 4 ~ Pre-req Review</em></td>
</tr>
<tr>
<td>2</td>
<td>Organic Compounds: Alkanes</td>
<td><em>Seager/Slabaugh Chapter 11</em></td>
</tr>
<tr>
<td>3</td>
<td>Unsaturated Hydrocarbons</td>
<td><em>Seager/Slabaugh Chapter 12</em></td>
</tr>
<tr>
<td>4</td>
<td>Alcohols, Phenols, and Ether</td>
<td><em>Seager/Slabaugh Chapter 13</em></td>
</tr>
<tr>
<td>5</td>
<td>Aldehydes and Ketones</td>
<td><em>Seager/Slabaugh Chapter 14</em></td>
</tr>
<tr>
<td>6</td>
<td><em>Acids, Bases, and Salts</em></td>
<td><em>Seager/Slabaugh Chapter 9 ~ Pre-req Review</em></td>
</tr>
<tr>
<td>7</td>
<td>Carboxylic Acids and Esters</td>
<td><em>Seager/Slabaugh Chapter 15</em></td>
</tr>
<tr>
<td>8</td>
<td>Amines and Amides</td>
<td><em>Seager/Slabaugh Chapter 16</em></td>
</tr>
<tr>
<td>9</td>
<td>Chirality: The Handedness of Molecules</td>
<td><em>Bettelheim/Brown Chapter 9</em></td>
</tr>
<tr>
<td>10</td>
<td>Carbohydrates</td>
<td><em>Seager/Slabaugh Chapter 17</em></td>
</tr>
<tr>
<td>11</td>
<td>Lipids</td>
<td><em>Seager/Slabaugh Chapter 18</em></td>
</tr>
<tr>
<td>12</td>
<td>Proteins</td>
<td><em>Seager/Slabaugh Chapter 19</em></td>
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