Organic Chemistry Part II – Tentative Syllabus
Chemistry 2041
Spring Semester 2015

Lecture: Tue. Thu. 8:00 am -9:20 am Zimmer Auditorium
Please see your schedule for recitation section location and time

Instructor: Dr. Daniel Waddell
Email/Phone: waddeldl@ucmail.uc.edu, (513) 556-5840
Office Hours: 508 Rievschl
Monday, Wednesday, Friday – 9:00 – 10:30 a.m.
Thursday – 9:30 – 11:00 a.m.
• If these times do not work, you can always stop by if the door is open or
send me an email to make an appointment.

Required: 1) Book: “Organic Chemistry fourth ed. (Smith)
2) Connect online homework tool
3) PRS transponder – “clicker”

Suggested but not required: study guide/solutions manual – there is one on reserve in the chemistry/biology
library for your convenience

Course Objectives: This class is the second part of a two-course sequence. In this course, the student will learn
about organic structure interpretation and the chemistry of aldehydes, ketones, carboxylic acids, aromatic
systems, amines, carbohydrates, and cycloadditions.

Tips for Success in this Course
1. Attend all lectures and recitation sections
2. Complete all assignments to the best of your ability – do not wait until just before the due date and
rush to finish – work through as many practice problems as possible!
3. In addition to assigned work – complete as many practice problems from the book as time allows.
4. Keep up to date with the material and ask questions as soon as they arise
5. The SIs, TAs, and I all want you to succeed in this course! Please ask for help before the exams and
before you get too far behind. It is too late to change a grade after an assignment or exam has taken
place.
6. Chemistry doesn’t have to be boring – study with friends – make it a chemistry party!

My expectations
I will be honest with you and treat you with respect. I expect the same from you towards me and your fellow
classmates.

Exams: Exams will be held during class periods and will be closed notes and closed book unless
otherwise instructed. Exams will focus on material covered in class, on homework problems,
recitation problems and material covered in the textbook. In this course, exams are the
primary method of determining your ability to individually work through organic chemistry
concepts and problems. Be sure to use all of your other resources and assignments to prepare
you to “show off” what you learned on exam day.

Exam Dates: There will be three in-class exams scheduled for February 10, 2015, March 12, 2015, and
April 21, 2015. The Final exam is scheduled for Tuesday, April 28th from 7:30-9:30AM.

Make-up Exams
I do not mind giving make-up exams. However! You ABSOLUTELY must notify me prior to the start of the
scheduled examination (or in a reasonable time frame –usually within one day) in case of an emergency or you
will receive a grade of zero.
Absences
You get 2 “free” absences from lecture and 2 dropped scores for recitation. With this in mind, there will generally not be makeups. If you miss a recitation or lecture, including those for legitimate reasons, you will simply use one of your “free” misses. If there are unique circumstances which will cause you to miss a large number of classes and recitations please meet with me before your absences and we can discuss your individual circumstances.

Homework:
Homework will be assigned as described on Blackboard. You will have one assignment due for each chapter we cover. Do not wait until the last minute to complete these assignments. Homework is meant to give you credit for working through the material and practicing – use the homework to your advantage.

Recitations:
You will meet with your TAs during recitation. Please come prepared to ask questions and work on a worksheet covering recent material. You should bring your book, calculator and any other resource you want. You will work through problems both individually and as groups. Your recitation grade will be based on your performance on the worksheet. Your lowest 2 recitation grades will be dropped. Recitations are your time! Prepare by looking over your notes and doing some practice problems so that you can get the most out of your recitation.

Academic Misconduct
In this course you are encouraged to study and prepare for examinations with other students. However, when taking exams, you are required to work alone. The University regulations are explicit about academic misconduct and cheating, and these regulations will be fully enforced. Students engaging in such misconduct may be brought up on charges as outlined in the student code of conduct. See http://www.uc.edu/Code_of_Conduct.html.

TA Office
The Chemistry TA Office is located in 508A Rieveschl. Teaching assistants will be available to help you learn to work problems and to answer questions during the times posted there. You may consult with any Organic Chemistry TA present; it doesn’t have to be your own. You are also encouraged to make use of the computer facilities in the Else Schulz Information Commons in the Chemistry-Biology library. The Chemistry-Biology library is a great place to study and do homework.

Grading:
Average of Attendance/clicker participation (2 “free” absences) – 5%
Average of Online Homework – 10%
Average of Recitation (2 lowest scores dropped) – 10%
Exam 1 – 18%
Exam 2 – 19%
Exam 3 – 19%
Final Exam (Comprehensive ACS exam) – 19%

The following scale will be used to determine your final grade:

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90–100%</td>
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<tr>
<td>A−</td>
<td>89–90%</td>
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<tr>
<td>B</td>
<td>80–89%</td>
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<tr>
<td>B−</td>
<td>79–80%</td>
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<td>C</td>
<td>70–79%</td>
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<tr>
<td>C−</td>
<td>69–70%</td>
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<tr>
<td>D</td>
<td>60–69%</td>
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<td>D−</td>
<td>59–60%</td>
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<tr>
<td>F</td>
<td>&lt;59%</td>
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- No extra credit assignments will be given at the end of the course.
- You will never receive a grade lower than indicated by the chart above, however, I reserve the right to “curve” the scale. There is no guarantee that there will be a curve, but it is possible.
**Important Dates**:  
- Last Day to Drop with 100% refund: Jan 20  
- Last Day to Drop with 50% refund: Jan 26  
- Last Day to Withdraw: March 20

**Tentative Schedule**

**Tentative Class Schedule**:

- Tuesday, 1/13  
  Introduction/CH. 16
- Thursday, 1/15  
  CH. 16
- Tuesday, 1/20  
  CH. 16/CH. 17
- Thursday, 1/22  
  CH. 17
- Tuesday, 1/27  
  CH. 18
- Thursday, 1/29  
  CH. 18
- Tuesday, 2/3  
  CH. 18
- Thursday, 2/5  
  CH. 19/Review
- Tuesday, 2/10  
  **Exam I** (CH. 16-18)
- Thursday, 2/12  
  CH. 19
- Tuesday, 2/17  
  CH. 20
- Thursday, 2/19  
  CH. 20
- Tuesday, 2/24  
  CH. 21
- Thursday, 2/26  
  CH. 21
- Tuesday, 3/3  
  CH. 21
- Thursday, 3/5  
  CH. 22
- Tuesday, 3/10  
  CH. 22/Review
- Thursday, 3/12  
  **Exam II (CH. 19-part of CH. 22)**
<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
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<tbody>
<tr>
<td>Tuesday 3/17</td>
<td>Spring Break! – Relax and Be Safe</td>
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<tr>
<td>Thursday 3/19</td>
<td>Spring Break! Relax and Be Safe</td>
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<tr>
<td>Tuesday 3/24</td>
<td>Finish CH. 22/CH. 23</td>
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<td>Thursday 3/26</td>
<td>CH. 23</td>
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<td>Tuesday 3/31</td>
<td>CH. 24</td>
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<td>Thursday 4/2</td>
<td>CH. 24</td>
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<td>Tuesday 4/7</td>
<td>CH. 25</td>
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<td>Thursday 4/9</td>
<td>CH. 25</td>
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<td>Tuesday 4/14</td>
<td>CH. 26/CH. 27 (select portions)</td>
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<td>Thursday 4/16</td>
<td>CH. 28 (select portions)/Review</td>
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<td>Tuesday 4/21</td>
<td><strong>Exam III (End of CH. 22 – CH. 27)</strong></td>
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<td>Thursday 4/23</td>
<td>Review</td>
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<tr>
<td>Tuesday 4/28</td>
<td><strong>Final Exam (ACS Cumulative) – 7:30am-9:30am</strong></td>
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