Organic Chemistry Part I – Tentative Syllabus
Chemistry 2041
Fall Semester 2015

Lecture: Tue. Thu. 8:00 am -9:20 am Rievschl 502
See your schedule for recitation location and time (sec. 3 and 4 combined and will meet at sec. 3’s location)

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) Turning Technologies 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 September 22, 2015, October 27, 2015, and
November 24, 2015. The Final exam is scheduled for Thursday, December 10th from 8:00-10:00AM.

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 under “Homework Assignments” – this is done online through Connect. 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. You may turn in your homework late for a small penalty for each day late. However, homework will not be accepted for any credit after the final exam has been taken.

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.

Because you receive two dropped recitation grades, there are NO makeups available for any reason (even valid excuses). If you so choose and know in advance of an unavoidable absence – you may contact one of the course TAs and ask if you may sit in during their recitation. Allowing you to attend a different section is only for extenuating circumstances and not guaranteed - you must clearly communicate with both your TA and the TA whose section you wish to attend.

If your recitation happens to fall on a day that we have no classes (holidays, weather cancellations, etc.) – that recitation will simply not be counted towards your final grade. It will not count towards your two dropped scores.

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:
Grading based on a weighted average – your grades will be posted on Blackboard:
Average of Attendance/clicker participation (2 “free” absences) – 5%
Average of Online Homework – 7%
Average of Recitation Scores (2 lowest scores dropped) – 10%
Exam 1 – 18%
Exam 2 – 20%
Exam 3 – 20%
Final Exam (Comprehensive ACS exam) – 20%
The following scale will be used to determine your final grade:

<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>100–91%</td>
<td>A</td>
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<tr>
<td>90–88%</td>
<td>A–</td>
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<tr>
<td>84–78%</td>
<td>B</td>
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<tr>
<td>77–75%</td>
<td>B–</td>
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<tr>
<td>71–61%</td>
<td>C</td>
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<tr>
<td>60–57%</td>
<td>C–</td>
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<tr>
<td>53–49%</td>
<td>D</td>
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<tr>
<td>48–46%</td>
<td>D–</td>
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<td>&lt;45%</td>
<td>F</td>
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- No extra credit assignments will be given at the end of the course.
- Your final grade is **not** simply averaging all of the grades you see on Blackboard — different types of grades are weighted differently as indicated above. If you are not sure about how to calculate a weighted final grade, please ask.

**Important Dates:**
- Last Day to Drop with 100% refund: September 8
- Last Day to Withdraw: October 30

**Tentative Schedule**

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
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<tbody>
<tr>
<td>Tuesday, 8/25</td>
<td>Introduction/CH. 16</td>
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<td>Thursday, 8/27</td>
<td>CH. 16</td>
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<td>Tuesday, 9/1</td>
<td>CH. 16/CH. 17</td>
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<td>Thursday, 9/3</td>
<td>CH. 17</td>
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<td>Tuesday, 9/8</td>
<td>CH. 18</td>
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<td>Thursday, 9/10</td>
<td>CH. 18</td>
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<td>Tuesday, 9/15</td>
<td>CH. 18</td>
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<td>Thursday, 9/17</td>
<td>CH. 19/Review</td>
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<tr>
<td>Tuesday, 9/22</td>
<td><strong>Exam I</strong> (CH. 16-18)</td>
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<td>Thursday, 9/24</td>
<td>CH. 19</td>
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<tr>
<td>Tuesday, 9/29</td>
<td>CH. 20</td>
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<tr>
<td>Thursday, 10/1</td>
<td>CH. 20</td>
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<tr>
<td>Tuesday, 10/6</td>
<td>CH. 21</td>
</tr>
<tr>
<td>Thursday, 10/8</td>
<td>CH. 21</td>
</tr>
</tbody>
</table>
Tuesday, 10/13  CH. 21
Thursday, 10/15  No Class - Reading Days
Tuesday, 10/20  CH. 22
Thursday, 10/22  CH. 22/Review
Tuesday, 10/27  Exam II (CH. 19-part of CH. 22)
Thursday, 10/29  Finish CH. 22/CH. 23
Tuesday, 11/3  CH. 23
Thursday, 11/5  CH. 24
Tuesday, 11/10  CH. 24
Thursday, 11/12  CH. 25
Tuesday, 11/17  CH. 25
Thursday 11/19  CH. 26/CH. 27 (select portions)
Tuesday 11/24  Exam III (End of CH. 22 – CH. 25)
Thursday 11/26  No Class - Thanksgiving
Tuesday 12/1  CH. 28 (select portions)
Thursday 12/3  Review
Thursday 12/10  Final Exam (ACS full year Cumulative) – 8:00am-10:00am

I understand that the final exam is later in the exam week – however, this is the official schedule for the university so this is when the final will be. You may not schedule to take the exam early. Do not book plane tickets or arrange rides home before this time. I’m sorry if this causes an inconvenience, but this date and time is set by the university.

The ACS exam covers material from both semesters of organic chemistry. It is truly a comprehensive exam. It is a 70 question multiple choice test written by the American Chemical Society (similar to other nationally standardized exams). ACS publishes a review book that is specific for this exam. There are copies of this review book on reserve in the chemistry/biology library. If you wish – although it is not mandatory – you may also purchase the review book through ACS’s website: http://chemexams.chem.iastate.edu/organic-chemistry.
Special Note: The Department of Chemistry and the University of Cincinnati are not responsible for the personal belongings of students. Students are strongly encouraged not to bring items to class that are not required for that class.

Additional Course Resources:

In addition to your TA and SI, the following resources are available to you. Please take advantage of these opportunities to help you succeed in the course!

- The Learning Assistance Center offers one-on-one tutoring for this course. Students may schedule individual tutoring appointments to improve their understanding of course materials and develop effective study strategies.

- The LAC offers Academic Coaching. Academic Coaches are high achieving UC upperclassmen and graduate students who provide one-on-one support in order to encourage success-building practices and habits in students. Coaching is not course specific, but applicable to all majors and courses.

- The Academic Writing Center (AWC), located on the fourth floor of Langsam Library in room 401N, provides UC students with free writing assistance. If you would like a trained writing tutor to help you get started on your writing assignment or review your writing, make an appointment or stop in during our drop-in hours. The Writing Center is not course specific, but can help with some discipline-specific documents, as well as non-course-based assignments (resumes, scholarship applications, etc.)

- LAC and AWC appointments are available Mon-Thurs 9am-8pm and Fri 9am-5pm. Students may schedule appointments online at https://lacscheduling.uc.edu or by contacting the LAC at (513) 556-3244.