Chem 51LA Summer Session I 2011

Instructor Dr. Renée Link
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Office NS2 2113
Dr. Link’s Office Hours M 2-3 PM W noon -1 PM And immediately following lecture

Lab Lectures M 12:00- 12:50p ELH 100

Required Materials
• Techniques in Organic Chemistry 3rd edition. Mohrig, Hammond, Schatz (2nd edition ok)
• Laboratory notebook (carbonless copy)
• Molecular model kit (The same kit is used for 51A and 51LA.)
• Safety goggles
• Lab apron

Course Website http://blogs.uci.edu/chem51labs/

Course Objectives The aim of the Organic Chemistry Laboratory Series (Chem 51L) is to provide you with an opportunity to learn about the synthesis, separation, purification, and identification of organic compounds. This course consists of weekly laboratory sections which involve experiments designed to help students develop the observational and critical thinking skills that are essential prerequisites for a successful career in science (or any professional field). You are expected not only to perform the experiments in the laboratory, but also to think about the principles behind the experiments. Please note that 51LA is the first in a SEQUENCE of classes. You will be expected to know techniques and concepts from this class when beginning 51LB.

Experiments A calendar of experiments is posted on the class website. Documents containing specific details of each experiment will be posted under the Experiments sections as the quarter proceeds. ALL PRELAB WORK MUST BE COMPLETED BEFORE YOUR LAB SECTION. Students without a completed prelab will not be allowed to conduct the experiment and receive a zero grade for that experiment. Guidelines for completing prelab work can be found on the class website.

Safety Safety will be strictly enforced! Read the “Safety” link under the Documents section of the course website before your first lab section. All students must sign a safety agreement before working in lab. Students are
required to follow all safety rules, wear safety equipment (goggles and lab apron) and proper clothing (NO, shorts, miniskirts, or sleeveless tops; shoes must COMPLETELY cover feet) at all times. Failure to follow safety rules will result in expulsion from the lab section and a zero score for the week’s experiment.

Absences
Make-up labs are not allowed. The lowest lab score will be dropped, so you can miss one experiment and still pass the course. Students who miss more than one (1) experiment must contact Dr. Link immediately. (Exceptions to the no make-up rule are allowed for religious holidays IF arrangements are made with Dr. Link IN ADVANCE!)

Illnesses
Students showing signs of a contagious illness (especially flu symptoms) should not attend lab lecture or lab sections. Because of the likelihood of absences due to flu this quarter, students are urged to save their “dropped” lab for an absence due to illness. Any student missing more than one lab due to an illness should email Dr. Link as soon as possible.

Enrollment
THE INSTRUCTOR DOES NOT SIGN ANY ADD OR DROP CARDS.
Enrollment for Summer Session is handled through the Summer Session Office, either in person or via their web site: (http://www.summer.uci.edu) to add, drop, or change your class.

All Chemistry course enrollment questions will be handled at the Chemistry Undergraduate Program Office in NS2 1101 during the posted hours: MWF 11am-12pm and TuTh 1pm-2pm. Email: undergrad@chem.ps.uci.edu; Phone: (949) 824-2895.

Last day to drop or change grade option without the Chem Undergraduate Office approval is Friday, July 1ST. The absolute deadline for any course changes is Friday, July 15th. These deadlines will be strictly enforced for all students.

You are strongly encouraged to consult the Chemistry Undergraduate Office website at http://www.chem.uci.edu/undergrad. You will find the answers to your most Frequently Asked Questions on this site. Much of the course and procedural information is relevant for the summer session courses.

General Reading
Before attending the first lab section, all students should read the safety, “Keep Our Labs Clean”, and “Lab Notebooks and Reports” documents under the Documents section of the course website. Students must also read Techniques 1-7 & 9 in Techniques in Organic Chemistry (3rd ed). The purpose of these techniques is to familiarize yourself with safety and procedures in the organic chemistry laboratory. Many will be familiar from general chemistry. When you come across a technique in the experiment
procedures or handouts, return to the appropriate technique section to be sure you understand the procedures and concepts.

**Grading**

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<thead>
<tr>
<th>Component</th>
<th>Points</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Experiments (1-7)</td>
<td>120 pts</td>
<td>(24%)</td>
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<tr>
<td>Pre-lab, in-lab performance, safety, clean up, etc. Lowest score will be dropped.</td>
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<tr>
<td>Reports</td>
<td>150 pts</td>
<td>(30%)</td>
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<tr>
<td>Written discussion turned in to TA. Lowest score will be dropped.</td>
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<tr>
<td>Oral Presentation</td>
<td>30 pts</td>
<td>(6%)</td>
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<td>One per quarter in lieu of written report. Score CANNOT be dropped.</td>
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<tr>
<td>Dry Lab</td>
<td>50 pts</td>
<td>(10%)</td>
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<td>The stereochemistry dry lab score CANNOT be dropped.</td>
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<tr>
<td>Lab Practical</td>
<td>150 pts</td>
<td>(30%)</td>
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<td>Lab practicals will be held week 9 during your regular lab section time.</td>
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**Letter Grades**

Letter grades are determined on a curve based on the mean and standard deviation for each section and the mean and standard deviation for the class as a whole. This means that the standard 90/80/70/60 percentage scale DOES NOT apply. The cutoff for an A might be above 90%, depending on the statistics for your section and the class. This method of determining letter grades is necessary to account for grading differences among TAs. For a detailed description of how grades are determined, please see the class website. Note that letter grades are NOT given for individual assignments.

**TA Office Hours**

A schedule of TA office hours will be posted on the course website by week 2. You may go to any TA for assistance. TA office hours are held in RH 523 from the first week of class until the end of lab practicals.

**Email Etiquette**

Dr. Link will answer questions by email as often as possible, but due to the number of students in the class, please understand that emails are sometimes missed. Please use a salutation in your email (e.g. Hi, Dr Link . . .) and include your name, student ID and lab section. Also specify that you are a 51LA student.

**Disability Services**

Accommodations will be made for students with disabilities according to Disability Services Center policies. **It is the student's responsibility to meet with each instructor at the beginning of the quarter to discuss disability-related needs in the course including appropriate testing accommodations.**

**Academic Honesty**

Academic dishonesty will not be tolerated. While collaboration in lab is expected, written lab work is an individual effort. Copying from any portion of the written work from other students is not allowed and constitutes academic dishonesty. The turnitin.com service will be used to detect plagiarism in lab reports. Students committing academic dishonesty will
receive a zero grade for the first offense. A second offense or cheating on
the lab final will result in an F grade for the course, and a letter will be sent
to the student’s Dean to be placed in their permanent academic file.
Students who have received a warning in a previous 51L class will be
immediately receive an F for any subsequent violations.
For more information on Academic Honesty, see the university’s policy at:
http://www.editor.uci.edu/catalogue/appx/appx.2.htm