CHEM 272

Organic Chemistry Lab I (for Chemistry & Biochemistry Majors)
Summer 2009

Instructor: David Bauer  E-mail: dbauer@ccny.cuny.edu
Office hours: by appointment

Prerequisite Courses:
CHEM 261 (prereq.) and CHEM 263 (pre/coreq.)

Textbook (required):
"Experimental Organic Chemistry: A Small-Scale Approach"
(2nd edition) by Wilcox & Wilcox.
ISBN #0-02-427691-X

Meetings: Monday & Wednesday
12:00-12:50pm
1:00-5:50pm
(Rooms TBA)

Grading:
Lab Reports  40%
Exams (best 3/4)  30%
Quizzes (best 10/12)  10%
Lab "practical" Exam  10%
Performance in lab  10%

Preparation is required in advance of every class. Before class, you should prepare a prelab consisting of:
• a short introduction (1-2 paragraphs) describing the chemical process involved in the experiment that includes
• the mechanisms of any reactions studied
• a procedure with bullet points or a flow chart of what will be done, and
• a table of substances involved in the reactions and their properties (as shown on page 16 in W&W).

Quizzes will be given promptly at the start of each lecture and will cover the experiment to be done on that day. If you have read the assigned section in the textbook (usually no more than a few pages) and prepared your prelab, you should have no problem completing them.

Lab Reports must be turned in with your quiz at the lecture following the experiment. Each lab report must consist of an abstract, introduction, procedure, table of substances, and a results and discussion section. If you use information from any source (e.g. online, textbook) in your report, that's fine, but remember to cite the source: say where it came from!

We will be discussing report writing throughout the semester - don't be afraid if you're not sure what to do at first.

Safety FIRST. If you don't know: ASK! You must abide by the lab safety rules and wear goggles at all times in the lab. (Your eyes will thank you sometime.)
Your name:

This is for my information only so I have some idea of how to prepare the course. Your individual answers will not be shared with others.

Previous courses:

<table>
<thead>
<tr>
<th>When did/will you take it?</th>
<th>With who?</th>
<th>Final grade?</th>
</tr>
</thead>
<tbody>
<tr>
<td>e.g. Fall 07</td>
<td>Prof. X</td>
<td>B-</td>
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<tr>
<td>e.g. 2004</td>
<td>High School</td>
<td>4 (AP Exam)</td>
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CHEM 103

CHEM 104

CHEM 261

CHEM 263

SCI 200

Writing for the Sciences