CHEM 2130 WS 2015

Instructor: Phil Silverman  
E-mail: chem2130@missouri.edu

Office: Room 123D Chemistry  
Phone number: 882-1401

Office hours: Tuesday – Thursday 1000 – 1200.

Welcome to CHEM 2130. There are a few VERY important ground rules that everyone needs to be aware of before we start the class: All recitations will be held at 3:00PM in Keller Auditorium (Geo. Sci. 1230) on Mondays. We will be going over lots of information about lab and other issues (arrow pushing mechanisms and basic organic concepts) that you will need so you can do well in the lecture part of the course.

If you miss 4 labs OR FAIL TO TURN IN 4 OR MORE LABS [even though you might have done the work!], you will automatically get a grade of "F" in the course. By remaining in the course, you acknowledge that failure to comply with this rule will result in having to repeat the course in the future.

There are two Essential Websites:  
Labs are here: http://www.chem.missouri.edu/chem2130/  
Grades are here: https://courses.missouri.edu/.

The Blackboard site under the Laboratory link has the syllabus as well as TA contact info. Your TA’s will check to see whether you have written down the experimental procedures to each lab at the beginning of each lab. Failure to do so will result in 8 points been automatically deducted from your lab. This rule is totally inflexible so do not ask for an exception. Making sure that you write your experiment is completely on you. Having other engagements, etc, are not valid excuses. Improvise; adapt; overcome!

What do I mean by an excused absence? There are 4 different categories of excused absences: 1) medically excused, 2) death of someone close to you, 3) university sponsored event, and, 4) “legally” excused. The definitions are below.

To be medically excused, you SHALL get written verification by a medical doctor stating both the time of visit and the duration of the expected illness. No note, no excuse! If you are not sick enough to go to the Student Health Center, go to lab/recitation. Death of someone close to you isn’t something to use as an excuse unless it is legitimate. Obituaries of people will suffice as an excused absence but I reserve the right to check up on this. If you are part of a University sponsored event, the letter comes automatically from the program office (if you are presenting at a conference, let me know!). Significant time away from lab can impact your overall grade even though the absences would be excused. “Legally” excused absences will involve subpoenas, court records, traffic tickets, or some other written form of documentation stating that court or being arrested is where you
were. In addition, all of the excused absences will need to have a point of contact and a phone number that I can call to verify the claim. Your instructors reserve the right to make the final call for all absences from examinations. If your reason/excuse/rationale/justification is any other than the ones listed here, it’s not excused. End of discussion.

While this sounds pretty onerous, it isn’t! In order to get something good from this class, you’ve got to put in the time and effort.

Here is how an excused absence works for your score: let’s say you have earned 28/30 on 4 reports, 25/30 on 3 reports, and 22/30 on 3 reports. You missed one lab because you went to Student Health because you slammed your left hand in the car door. For the lab you missed, at the END OF THE TERM, your TA would put 25.3 into Blackboard for the experiment you missed. OK? Communications with the instructor: sending me an email is usually not a problem. However, when I receive email, I am not your “dog”, your “proffie”, or your “bro”. Emails WILL be polite and will use proper grammar, punctuation, and be professional in tone. Emails that do not comply with these simple requirements will be ignored.

GRADING
The first 4 lab reports will be graded out of 30 lab points. The three portions of the lab exercise are:

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-lab</td>
<td>8</td>
</tr>
<tr>
<td>In-lab</td>
<td>10</td>
</tr>
<tr>
<td>Post-lab</td>
<td>12</td>
</tr>
</tbody>
</table>

The remaining 7 lab reports will be graded out of 40 points

<table>
<thead>
<tr>
<th></th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-lab</td>
<td>8</td>
</tr>
<tr>
<td>Mechanism</td>
<td>5</td>
</tr>
<tr>
<td>In-lab</td>
<td>10</td>
</tr>
<tr>
<td>Post-lab</td>
<td>12</td>
</tr>
<tr>
<td>Percent yield calc.</td>
<td>5</td>
</tr>
</tbody>
</table>

The following points are counted:

Total 30 points X 4 labs = 120 points
40 points X 7 labs = 280 points
Policy Quiz = 10 points
1 Examination = 80 points (end of the semester: 27 APRIL @ 3:00)
Lab Cleanup points = 10 points (the last week of lab)
LAB Total: = 500 points

The TA’s will grade the pre-labs directly into your notebooks and they will provide feedback on how to do a better prelab AND your first two pre-labs can be copied (allowing for a few minor obvious differences!) from the syllabus into your lab notebook. A good prelab consists of Title, name, purpose, mechanisms (if applicable) reagents table, and procedure. The in-lab portion consists of doing the experiment and collecting the proper data in the proper format. The post lab data will consist of writing a good discussion (not a three page diatribe on why your yield was low), percent
yield calculations, conclusion, analysis of spectra, and answering any specific questions asked at the end of the experiment. This lab is logical and it will help reinforce the basic skills of synthesis.

Also, on the reasons why yield was low: NEVER say anything about human error! It does not exist, except as part of a theological discussion. If you got a low percent yield because you got behind on time and cooled the flask too quickly, say so. This is called experimental error, but it does not explain everything! Do a good job and be careful and most experiments will work out well!

Everything goes directly into your notebooks in PEN (blue or black) and your TA will only get the carbon copy (yellow copy) so write clearly. If the TA can’t read it, they can’t grade it and it is what the TA says when it comes to grading!

Labs (yellow carbon copy) are due the next week in lab. If you have labs on Tuesdays, then your labs are due a week after Tuesday in lab etc. (absolutely no excuses for lateness). **20% each day will be deducted each day you are late in turning in the lab.**

* Any requests for grade changes for lab reports need to be addressed with you TA within ONE week of its' posting on Blackboard. Any requests after the given time will not be considered.*

Special Needs: Students who have special conditions as addressed by the Americans with Disabilities Act and who need any test or course materials to be furnished in an alternative format should notify me immediately. Reasonable efforts will be made to accommodate the needs of these students.

You will be given one 50-minute examination (80 points), which will count towards your grade. Therefore, it is very strongly advised that you study for them (exam grades will NOT be curved!).

**NO MAKE-UP EXAMS WILL BE ADMINISTERED IN THIS COURSE!** If you miss the final, it is a zero!

Letter grade scales: The grades for the exam will NOT be curved in this course. Appropriate letter grades will be determined at the end of the semester, from the class total.

**Frequently Asked Questions:**
1. Will there be a Final lab practical for this Class?
   Ans: No there will be no LAB PRACTICAL final for this class

2. Will there be extra credit assignments?
   Ans: No there will be no extra credit.

3. What was the grade distribution for Spring Semester 2012?
   A 213  (includes + and -)
   B 70  (includes + and -)
   C 0
   D 0
   F 1
OVERALL GPA = 3.727

ACADEMIC DISHONESTY OF ANY KIND WILL NOT BE ALLOWED IN THIS COURSE. Please see below for examples:

1. The wording on your lab reports should be your own. Do not copy your lab partner’s wording, even though the both of you work together.

2. Submitting a lab report for a lab that you were absent will be considered a serious offense.

3. Academic integrity is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person’s work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards breaches of the academic integrity rules as extremely serious matters. Sanctions for such a breach may include academic sanctions from the instructor, including failing the course for any violation, to disciplinary sanctions ranging from probation to expulsion. When in doubt about plagiarism, paraphrasing, quoting, collaboration, or any other form of cheating, consult the course instructor.