

CHEM 273

Spring '17

Syllabus

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Bil 321B

Office Hours: By appointment, email me or talk to me before/after lecture to set up a time. You may also try to just walk in.

CHEM 273 is a continuation of CHEM 272 with an emphasis on methods of structure elucidation/spectroscopy, the chemistry of aromatic systems and carbonyl chemistry. An approximate lecture and Hour Exam schedule is posted on Lulima together with this syllabus.

We will continue to use the Loudon text. I support both the 5th and the 6th edition through "Suggested problems" for both editions. Complete solutions for the 5th edition are posted on Lulima. The Solutions Manual for the 6th edition contains solutions for *all* problems, I will therefore not post separate solutions of my own making.

We will have Hour Exams at roughly one-month intervals. These are scheduled on Mondays so that you have an opportunity to have your question answered in Saturday morning "Fourth Hours" (Bilger 319, 10:00 AM to 11:30 AM). The exams will cover about three chapters' worth of material. You should be aware that Organic Chemistry is a cumulative subject and it will be inevitable that you will have to know 'stuff' from CHEM 272. The Final Exam will cover material from the last three chapters (~ 40%) as well as material we have covered throughout the entire semester. Not attending the Final exam will result in an automatic "F" grade for the course. Any Hour Exam you miss will be scored as a ZERO.

The final grade will be computed as follows:

3 Hour Exams	@ 100 pts each	=	300 pts
1 Final Exam	@ 200 pts	=	<u>200 pts</u>
Total			500 pts

Grade scale: Not stricter than "A" (A+ to A-) > 85% (> 425 pts), "B" (B+ to B-) > 65% (> 325 pts), "C" (C+ to C-) > 40% (> 200 pts), "D" > 35% (> 175 pts).

I will be posting weekly worksheets with solutions and I will be posting problems sets with solutions once we begin to cover organic reactions. All of these will not

be graded, but I encourage you to talk to me when your solutions differ from the posted ones. If yours is different, that does not mean that it is wrong since there are different ways of doing things and I can't cover them all. However, if your solution is different, it is also not automatically correct and you want to correct any misconceptions ASAP.

I strongly encourage you to visit the Learning Emporium to get your questions answered. The schedule of the OChem tutors is posted on Lulima. I typically also spend time down there around the lunch hour and whenever the spirit moves me, so you can easily talk to me, if you wish, at that time.