

Chemistry 301 Fall 08 Organic Chemistry I Lecture

Professor: Dr. Juliet M. Hahn

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office hours: 10- 11 am MWF & 8:10 – 8:50 am MWF & other times by appointment

textbook: Organic Chemistry by L. Wade 6th ed (required), Solution Manual by J. Simek & L. Wade 6th ed (recommended)(your recitation TA will have this solution manual), molecular model kits, my old exams and quizzes are available at <http://JulietHahn.com> (ASU exams are FYI only)

classroom: MWF 9-9:50am SCS 306 (The lecture is independent of the lab and recitation. Your lecture grade is independent of your lab grade. There is no grade for the recitation.)

Organic Chemistry is not some far away, antiseptic, horrible, technological monstrosity of the 21st century and organic chemicals are not some maiming, toxic substance from which we all have to keep a distance. The bodies of all living organisms are largely made up of organic chemicals. Almost everything that you eat are organic chemicals. Almost everything that you wear are organic chemicals. [organic chemicals: polyester, plastics, nylon, fats (in your thighs, your cake and even olestra), almost all pharmaceuticals (AZT, taxol), pesticides, styrofoam, perfumes, rubber]. Organic chemicals are everywhere! Organic Chemistry is going to be a lot of work, but you will learn a lot and hopefully have some fun doing it. **(If Organic Chemistry is not a lot of work, then you may be doing something wrong and your grades may reflect this.)**

Chemistry 301 is the first semester of a two semester sequence of Organic Chemistry lecture. We will cover the first half of the chapters in the text this semester. Please understand that no matter how smart you are, you will not do well in this course without hard work. **The biggest secret to doing well in this course is to keep up with the lecture material.** Organic Chemistry is logical (Mr. Spock probably likes Organic Chemistry.) and you may be able to reduce the amount of brute force memorization by reasoning. However you are going to have to do quite a bit of memorization to do well in Organic Chemistry. Do not ignore the assignments until the night before an exam. This technique may work in some classes but the surest way to a bad grade (and of course to not learn anything) in Organic Chemistry is to cram before an exam. Do not think that just because the class's name says "...Chemistry" that the class automatically will be too boring, too scary, too hard, too much like your high school chemistry class for you to do well. Think to yourself: **I think I'll really work on this course and maybe I'll actually (gasp) get an A on the class and (gasp) enjoy the class.**

The following is my suggestion for what you should do to study for this class. If you have no time, do the things listed first by no time. If you have more time and want a better grade, do the things listed by lots of time as well as the things listed by no time. (**no time:** study & understand lecture notes, study, understand & redo (as extra homework problems) old quizzes & exams, read book, do homework problems **:lots of time**) Merely understanding the lecture or the reading is not going to result in your doing well on the course. **Class attendance is very important to doing well on this course. Not coming to class will absolutely result in you doing at least a letter grade worse in the class.** (even without the extra credit points for attendance) Pay attention in class and follow the syllabus. I am the only one who is deciding on how this class will be run. (Example: Lets say that all of your friends tell you that if you miss an exam, you will get the class average on the exam. The syllabus and I did not say this. So you need to ask me or refer to the section of this syllabus on missed exams & quizzes. You will note that without an excuse **a missed exam gets a grade of zero.**) I personally make up all of the exams & I personally grade all of the exams.

******* Start: Please read this section if you read nothing else on this syllabus*******

Grading: Grading will be based on 400 points

3 exams (drop one exam, 100 pts each exam).....	200 pts
final exam (cumulative).....	100 pts
7 quizzes (drop 2 quizzes, 20 pts each quiz, given in last 10 minutes of class)	100 pts
attendance (attendance to 90% of classes by sign-in sheet)	5 pts (extra credit)
(EC has the same effect as if you did 5 pts better or half a letter grade better on an hour exam. You must sign the attendance sheet every class period to get these points. Note: Attendance sheet also has announcements on it.)	
Total points	400 pts

Final Exam: Final exam will consist of two exams which will count equally. The first final exam will be my regular format final exam consisting of 1/3 short answers, 1/3 multiple choice and 1/3 long answer given at the last day of class. The second final exam will be a 2 hour long American Chemical Society's multiple choice exam which will be given during the final exam period. Each of these exams will count 50% towards the total points of the final exam grade.

Missed Exams & Quizzes: There will be no makeup exams, quizzes or final exam without a documented excused absence. Without a valid excuse, **you will receive a zero on all missed exams*, quizzes and final exam.** If you have a valid excuse (at my discretion), I will replace the missed exam with an average of **your own exams** (or quizzes) prorated for the difficulty of the missing exam (or quiz). Alternatively you may be given a makeup exam which is all essay - short answer and long answer. There will be no makeup quizzes however with an excuse I will plug in **your own quiz average** prorated for the difficulty of the quiz which you missed. Excused absences will be allowed only under clearly documented (i.e. written doctor's excuse, written obituary, etc.)

Please provide me a hard copy of your documentation for missed class work for my files. Examples of valid excuses include: medical grounds, death in the immediate family and documented weather related transportation problems and university business. Examples that are not valid excuses include: personal problems, going away for the weekend, intramural sports, etc. (In general acceptable excuses for absences for missed exams will be much more rigorous than acceptable excuses for absences with no missed work.) You will be allowed to drop one lowest quiz & one lowest exam grade. (The lowest quiz or exam grade dropped may be a zero for an unexcused absence.) You will **not** be allowed to drop the final exam. (*If you come to an exam at 9:50am, you will not be allowed to take the exam – this would be a missed exam. If you come at 9:40 am, you will be able to take the exam only until 9:50am.)

****** End: Please read this section if you read nothing else on this syllabus. ******

Schedule of Reading Assignments: We will start this semester with Chapter 1 and end with Chapter 12. We will spend about 3 class lecture periods per chapter. **The exams will cover the materials discussed in class.** Unless specifically mentioned, exams will not cover materials in the textbook that were not discussed in the class. However it is strongly recommended that you read the text. Exams, quizzes and the final exam will consist of a mixture of multiple choice, short answers and long answers (approximately 1/3 of each). In general for short answer and long answer questions, you will be expected to show your reasoning for your final answer and you will receive partial credit for doing so.

Tentative schedule of chapters:	dates	chapter
8/27W, 8/29F, 9/3W	10/22W, 10/24F, 10/27M.....	8
9/5F, 9/8M, 9/10W.....	10/29W, 10/31F, 11/3M.....	9
9/12F, 9/15M, 9/17W.....	11/5W, 11/7F, 11/10M.....	10
9/19F, 9/24W, 9/26F	11/12W, 11/17M, 11/19W.....	11
9/29M, 10/1W, 10/3F.....	11/21F, 11/24M, 11/26W.....	12
10/6M, 10/8W, 10/10F.....	12/1M,	catch up & review
10/13M, 10/17F, 10/20M		

The schedule of chapters are tentative but the exam and quiz dates are chiseled in stone and will not be changed without major announcements in class. (**announcements are usually on the attendance sign in sheet**)

Exam & Quiz dates: (**Start: Please read this section if you read nothing else on this syllabus.****)**

Quiz I	9/8M	Quiz II	9/17W	Exam I.....	9/22M
Quiz III.....	9/29M	Quiz IV.....	10/10F	Exam II.....	10/15W
Quiz V.....	10/27M	Quiz VI.....	11/10M	Exam III.....	11/14F
Quiz VII.....	11/21F (take home quiz)				
final exam (1/3MC, 1/3SA, 1/3LA, cumulative).....	12/3W				

final exam (ACS MC exam) 12/8M..... 11:00am – 1:00 pm, in same room

12/5 F reading day 12/4R last day class Final grades due to registrar 12/15 M

Holidays: 9/1M Labor Day; 11/27R - 11/30 Sun Thanksgiving Holiday

(*End: Please read this section if you read nothing else on this syllabus.***)**

Regrades: Any requests for regrades **must** be made during the class in which the exam or quiz is returned in writing. Once you leave the class, any requests for regrades will **not** be honored. You will get to keep your exams & quizzes to study.

Absences: If you miss a class or a portion of a class, it is your responsibility to obtain the lecture notes and any class assignment given out during the classes you missed. **I will not redo the lecture individually for any individual who missed a class or give out my lecture notes for the missed classes. Your SI TA will also not give you lecture notes for missed classes.**

Students with Disabilities: Students who have special conditions as addressed by the Americans with Disabilities Act should notify the professor of the course immediately. **Academic Dishonesty:** Academic dishonesty in any form will not be tolerated. University regulations on academic honesty will be strictly enforced throughout this course. **Drop Date:** The last date to drop this class is 11/5 W.

One final point, my objective is to teach Organic Chemistry to everyone in this class. I want you all to do well because you are my students. If you have any difficulties, please come to see me before your difficulties cause irreparable damage. Do not just stop trying without coming to see me first.

Addendum to Syllabus Fall 08 Organic I – recitation quiz re-do

The new rule for recitation attendance extra credit is that for every quiz which you **re – do** during organic recitation times, you will get 1 point extra credit which will be applied at the end of the semester to your final grade (400 point total). You may get up to 5 extra credit points by this method. (This is the same as if you did half a letter grade better on an hour exam. This extra credit is in addition to the lecture class attendance 5 point extra credit.)

To get the recitation quiz re-do points: You will attend recitation and receive one blank quiz. You should choose one of the 4 quiz forms which you did not take during the class quiz time. You will complete the quiz and turn it in to the TA who will grade the quiz in front of you. You should look at the graded quiz to identify the error which you made and you should ask the TA to help you understand why the mistakes which you made were errors. The TA will give you points on her roster which will be turned into me. All re-do quizzes will be turned into Dr. Hahn and then will be returned to you during class period. The recitation quiz re-do will not apply to quiz VII (take home) but will apply to all other quizzes during the semester. The deadline for doing the **recitation quiz re-do** is one business day week after you take the quiz in lecture. (This deadline does not apply to quiz I and quiz II. The deadline for the quiz redo for quiz I and II is 10/3/08 Friday.) The recitation quiz re-do must be done during one of the recitation times. (Since you all signed up for the recitations, you should be able to attend 5 recitation classes during the semester.)

Organic Recitation Meets in SCS 307

Mon 12-12:50 pm, Tues 6-6:50 pm

Wed 3-3:50 pm, Wed 6-6:50 pm

Thurs 10-10:50 am, Fri 12-12:50 pm

Christen Dillard (undergraduate organic TA)

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