

CHEMISTRY 242.06

Winter 2009

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Office hours W 11-12 am, Th 2-3 pm and by appointment

Lecture: M-Th 1-1:50 am in IB 3322

Text: "Organic Chemistry" by Bruice, 4th edition. Available at the book store. We will cover selected sections from chapters 8-15 during the quarter. On the back page of the syllabus are listed sections that will be omitted from study. Also listed are recommended study problems for each chapter.

Prerequisite: CHE 241 (2.0 or better)

Graded material: Exams-2 exams at 100 pts each.
In-class group assignments- approx 3-5 at 20 pts each
Final exam- 150 points (cumulative exam)

Exam schedule: Exam #1 Thursday Jan 29th (approx chap 12, 13 and part of 8)
Exam #2 Thursday, Feb 26 (approx chap 8, 9, 10 and 11)
Final, Monday, March 23 from 1-3 pm (chap 14,15 & cumulative)

Grade calculations – Below are the approximate grades you will receive for a given percentage of total points (total points from all exams and in class assignments). Also considered in your final grade is improvement during the quarter.

<u>Percentage</u>	<u>Grade</u>
95-100	4.0
90-95	3.7
85-90	3.3
80-85	3.0
75-80	2.7
70-75	2.3
65-70	2.0
60-65	1.7
55-60	1.3
50-55	1.0

(over)

Text reading--Sections to omit from each chapter (your will be responsible for all sections not listed here) Note that these chapters are in order that they will be covered in class—chapter 12 and 13 will come before chapter 8.

Chapter #12 omit: 12.3, 12.17-12.20

Chapter #13 omit: 13.2, 13.14 13.15, 13.17, 13.18, 13.19, 13.20, and 13.21

Chapter #8 omit: 8.11

Chapter #9 omit 9.9-9.11

Chapter #10 omit: 10.6,-10.10, 10.13,

Chapter #11 omit: 11.6, 11.9

Chapter #14 omit: 14.7, 14.8, 14.17-14.19

Chapter #15 omit: 15.7, 15.8, 15.9, 15.12, 15.13

Study Problems. Below are practice problems from each chapter of the text. These problems will *not be graded* but it is highly recommended that you do them order to prepare for the exams. These problems will be indicative of the type of questions on the exams. The answers to some of these questions are at the end of the text starting on page A-24. If the answer is not in this section then it will be in the “Study Guide and Solutions Manual” which will be on reserve in the library and Math Science learning center.

Chapter #12: 9, 11, 12, 19,20a, 23, 28-34, 42,43, 45, 54, 58,60, 63, 65, 66, 69,

Chapter #13 3-5, 10-13, 15-18, 20-25, 27, 28, 30, 43a, 45, 46, 48, 51, 56, 71, 72

Chapter #8 2-4, 8, 14-16, 20-25, 32-36, 39, 42, 43, 45

Chapter #9: 1-6, 8, 9, 10, 12, 14-18, 21-23, 31-34, 36, 41, 43, 45, 46, 49, 54,

Chapter #10 1-5, 8-9, 11, 17, 33, 36, 44, 46, 48, 49a-d, 70, 76

Chapter #11 1-5, 9, 15,-17, 20,

Chapter #14: 1-7, 10-11, 16, 19,23-27, 31-34, 39, 43, 49.

Chapter #15 5-7, 9-11, 17-19, 25-27, 39, 45, 48.

Miscellaneous:

In-class group assignments. At various times during the quarter you will break down into groups of 2,3 or 4 to work on an assignment during class time. At the end of the class period your group will turn in the assignment and it will be graded. All students in the group will receive the same grade. We will not have set dates for these assignments but they will be given at times that correspond with the pace of the lecture. If you miss an In-Class group assignment you will have to complete it on your own on return it to me 24 hours after you receive it.

Course attendance. I will not take roll during the quarter but you are responsible to obtains notes from a fellow student if you miss a lecture.

You cannot miss an exam. If you have extenuating circumstances that prevent you from taking an exam at the assign time, please let me know as soon as possible of your situation.