

Syllabus for CHEM 273 – Organic Chemistry II

Instructor:	Professor P. Williams
Office:	Bilger Hall, 208B
Office hours:	W 10:30-11:30 or by appointment
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Prerequisite:	Chem 272 (C grade or better)
Text:	“Organic Chemistry” 2 nd Edition by J. G. Smith (required) Student Study Guide/Solutions Manual (suggested) (Available as an eBook at a discount, see Bookstore for details)
Supplemental material:	Molecular models (can be purchased at the UH bookstore) Any molecular model for organic compounds will do.
Exams	Midterm Exams : Sept. 19th, Midterm 1 Oct 17th, Midterm 2 Nov 14th, Midterm 3 Final Exam: Monday Dec 15th @ 9:45-11:45 (Cumulative)
Semester grade:	Each midterm exam will be worth 100 points. The final exam will be worth 200 points and is cumulative. Final grades will be determined from the average of the raw scores. The following tentative scale will be used: A+ 90-100; A 85-89; A- 80-84; B+ 75-79; B 70-74; B- 65-69; C+ 60-64; C 55-59; C- 50-54; D+ 45-49; D 40-44; D- 30-39; F 29-0;
Extra Credit:	Five unannounced pop quizzes will be given in class for extra credit. Each correct quiz will be worth 1%, up to a maximum total of 5%. This will be applied to the final class grade. There will be no other opportunities for extra credit nor will there be make up quizzes.
Policies:	<ul style="list-style-type: none">• There are no make up exams. Any missed exam will be considered a zero point exam.• Students should inform the instructor for any prearranged professional trips (conferences or varsity sports)• Bring your student ID to all exams• All students are expected to conduct himself/herself with honesty and consideration of fellow students.

Chem 273 - Fall 2008
Assigned Reading and Problems for Ch 16- 23

Chapter 16

Reading: Ch. 16 - Sections 16.1-16.6, 16.8-16.15

Give special attention to 16.3 & 16.11 & 16.13

Problems: 16.1-16.3, 16.5-16.13, 16.15-16.24, 16.26-16.35, 16.38-16.40, 16.44-16.49,
16.53, 16.55

Chapter 17

Reading: Ch. 17 - Sections 17.1-17.10

Give special attention to 17.7 & 17.8

Problems: 17.1-17.22, 17.27-17.31, 17.33-38, 17.40-17.45

Chapter 18

Reading: Ch. 18 - Sections 18.1-18.15

Give special attention to 18.2, 18.6, 18.7

Problems: 18.1-18.34, 18.37-18.43, 18.45-18.59

Chapter 19

Reading: Ch. 19- Sections 19.1-19.5, 19.7-19.14

Give special attention to 19.7-19.11

Problems: 19.1-19.2, 19.7, 19.8, 19.10-19.22, 19.29, 19.32-19.33, 19.35-19.39, 19.43,
19.44, 19.47-19.48

Chapter 20

Reading: Ch. 20 - Sections 20.1-20.5, 20.7-20.17

Give special attention to 20.4, 20.7, 20.10, 20.14, 20.15

Problems: 20.1-20.6, 20.8-20.9, 20.11-20.25, 20.26-20.36, 20.39-20.40, 20.42-20.48,
20.52-20.56, 20.58

Chapter 21

Reading: Ch. 21 - Sections 21.1-21.4, 21.6-21.16

Give special attention to 21.7, 21.10-2.16

Problems: 21.1-21.5, 21.11-21.15, 21.17-21.39, 21.46-21.53, 21.55, 21.61-21.71, 21.74-21.80

Chapter 22

Reading: Ch. 22- Sections 22.1-22.4, 22.7-22.11, 22.13, 22.15, 22.18

Problems: 22.1-22.6, 22.10-22.26, 22.29, 22.36-22.41, 22.44-22.69

Chapter 23

Reading: Ch. 23- Sections 23.1-23.10

Problems: 23.1-23.32, 23.34-23.36, 23.40, 23.41-43, 23.45, 23.47, 23.49, 23.51-23.55, 23.56-23.61

Chapter 24

Reading: Ch. 24 – Sections 24.1-9

Problems: 24.1-42, 24.44, 24.47-51, 24.54-57

Chapter 25

Reading: Ch 25 Sections: 25.1-2, 25.7-25.15

Problems: 25.1-3, 25.11-18, 25.21-41, 25.47-79