

Tentative Syllabus

Chemistry 209

Hart et al "Organic Chemistry, A Short Course" 13th Edition, Cengage

Lec	Dates ¹	Topic	Reading ²	Problems ³
0	8/	Get Ready	Pp 1-13, xxv-xxviii	Gen Chem as needed
1	9/2	Drawing Structures; Resonance	Sec 1,9, 1.11-1.13, Sakai Resources	DS; R In Chapter
2	9/8	Condensed Formulas; Carbon Skeletons; Orbitals; Classification	Sec 1.10, 1.14-1.16 Sakai Resources	CF, CS, In Chapter
3	9/9	Alkanes, Nomenclature	2.1-2.7	In Chapter
4	9/14	Conformations, Cycloalkanes	2.8-2.11	In Chapter
5	9/16	Alkenes	3.1-3.10	In Chapter
6	9/21	Quiz 1 Lec 1-4; Alkenes, Reactions	3.11-3.16	In Chapter
7	9/23	Aromatic Compounds	4.1-4.7	In Chapter 4.20, 21,25,26
8	9/28	Aromatic Compounds Stereoisomerism	4.8-4.13 5.1-5.4	In Chapter 4.30a, 31,32, 44, 49
9	9/30	Stereoisomerism	5.5-5.12	In Chapter 5.27,31,33,36,39,44,54,58
10	10/5	Organic Halogen Cpds	6.1-6.9	In Chapter 6.11, 17, 20, 26
	10/7	Exam I Lec 1-9		
11	10/12	Alcohols, Phenols, Thiols	7.1-7.13, 7.17	In Chapter
12	10/14	Ethers, Epoxides	8.1-8.9	In Chapter
13	10/19	Aldehydes, Ketones	9.1-9.11	In Chapter
14	10/21	Aldehydes, Ketones	9.12-9.19	In Chapter
15	10/26	Quiz 2 Lec 10-13	10.1-10.7	In Chapter

		Carboxylic Acids		
16	10/28	Carboxylic Acid Derivatives	10.8-10.17	In Chapter
17	11/2	Carboxylic Acid Derivatives	10.18-10.22	In Chapter
18	11/4	Amines	11.1-11.5	In Chapter
19	11/9	Amines	11.6-11.13	In Chapter
20	11/11	Spectroscopy	12.1-12.3	In Chapter
21	11/16	Spectroscopy	12.4-12/6	In Chapter
22	11/18	Heterocyclic Compounds	13.1-12.7	In Chapter
	11/23	Exam II Lec 10-18		
23	11/30	Carbohydrates	16.1-16.7	In Chapter
24	12/2	Carbohydrates	16.8-16.17	In Chapter
25	12/7	Proteins	17.1-17.10a, 17.13-17.15	In Chapter
	TBA	Final Exam		

¹ These dates are the latest you should listen to the lecture the first time; There may be some changes in the assignments as we go along. ² Pp and Sec refer to pages or sections in your textbook. Sakai refers to a file in Resources with the name of one of the topics of the lecture Read before and after listening to the lecture. ³ You should do all the in-text problems in the assigned reading sections and check your answers in the Solutions Manual **after** you make a serious attempt to solve the problem. Problems from Sakai start with the initials of their file followed by numbers. There will be an assignment for every chapter we cover after Chapter 1. Each one will have a due date about a week after the lectures on the chapter.