

Organic Chemistry 2

458.301, School of Chem Biol Eng
2nd semester, 2018

Studying	Structure, properties, and reactions of organic compounds 2: Structure determination; carbonyl and aromatic compounds
Class Hours	Mondays and Wednesdays 2p00 – 3p15
Classroom	[001] 302-509
Instructor	[001] Jae Young Jho; Room 302-731, 880-8346, jjho@snu.ac.kr Teaching Assistants in Room 302-714, 880-6989
Website	[001] SNU eTL (etl.snu.ac.kr)
Textbook	P. Y. Bruice, <i>Organic Chemistry</i> , 8th Edn, Pearson, 2017
Grading	Based on the total of 400 points: 1st Hour Exam 100 points 2nd Hour Exam 100 points (semi-comprehensive, 20/80) Final Exam 140 points (semi-comprehensive, 40/100) Homeworks 3 HWs before each exam (due on the exam day) x 20 points = 60 points Attendance Minus (-) 3 points/absence exceeding 2 absences <i>Grade 'F' will be given to students who miss 2 or more exams or a 1/3 of class hours. Independent grading for each section and the students registered more than once.</i>

Schedule

<u>Wk</u>	<u>Date</u>	<u>Topic</u>	<u>Chapter</u>	<u>Remarks</u>
1	Sept 3, 5	Introduction/Organometallics	11	
2	Sept 10, 12	Radicals	12	
3	Sept 17, 19	MS/IR/UV-vis	13	
4	-	-	-	No class
5	Oct 1	MS/IR/UV-vis		No class 10/3
6	Oct 8, 10	NMR	14	
7	Oct 17	NMR		No class 10/15
8	Oct 22, 24	Carbonyls 1	15	
	2-4 pm, Sat, Oct 27	1st Hour Exam	11-14	HW#1 Due
9	Oct 29, 31	Carbonyls 1		
10	Nov 5, 7	Carbonyls 2	16	
11	Nov 12, 14	Carbonyls 2		
12	Nov 19, 21	Reactions on alpha-C	17	
	2-4 pm, Sat, Nov 24	2nd Hour Exam	(11-14 +) 15, 16	HW#2 due
13	Nov 26, 28	Rxns on alpha-C/Aromatics	18	
14	Dec 3, 5	Aromatics		
15	Dec 10, 12	Amines and heterocyclics	19	
	2-5 pm, Sat, Dec 15	Final Exam	(11-16 +) 17-19	HW#3 due