

Course: Chemistry 314-01
 Place: SC 150
 Time: MWF 1:00 – 1:50 PM
 Text: “Organic Chemistry”, 7th Edition by F. C. Carey

Office: SC 407C
 Phone: 9-4762
 Office Hrs: MWF 2:00 – 2:50
 E-mail: vladimir.benin@notes.udayton.edu

IMPORTANT NOTE: ALL MIDTERMS WILL BE FROM 6:00 – 8:00 PM IN SC 150 !!!!

ADDITIONAL INFORMATION (LECTURE NOTES, STUDY GUIDES, HANDOUTS, ADDITIONAL PROBLEM SETS, ETC.) IS AVAILABLE ON MY WEBPAGE: <http://academic.udayton.edu/VladimirBenin>

CHAPTERS, HOMEWORK PROBLEMS AND MIDTERMS

Ch. 12: Reactions of Arenes: Electrophilic Aromatic Substitution (24, 25, 26, 27, 28, 29, 30, 31, 34, 35, 36, 37, 38, 43, 47)
 Ch. 13: Spectroscopy (28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 39, 44)
 Ch. 14: Organometallic Compounds (17, 19, 21, 22, 23, 24, 26, 28, 29, 30, 32, 37)

TUESDAY, SEPTEMBER 29: MIDTERM #1, 6:00 – 8:00 pm in SC 150 (Chapters 12, 13, 14)

Ch. 15: Alcohols, Diols and Thiols (18, 19, 20, 22, 24, 25, 26, 28, 29, 30, 32, 37, 38, 41, 43, 45, 46, 47, 48)
 Ch. 16: Ethers, Epoxides and Sulfides (21, 23, 25, 26, 27, 29, 31, 32, 34, 36, 40, 41, 43, 44)
 Ch. 17: Aldehydes and Ketones: Nucleophilic Addition to the Carbonyl Group (22, 23, 25, 26, 28, 30, 31, 34, 36, 38, 39, 40, 43, 44, 46, 48, 50, 51)
 Ch. 18: Enols and Enolates (22, 24, 25, 26, 27, 28, 29, 31, 33, 34, 38, 41, 43, 44)

TUESDAY, NOVEMBER 03: MIDTERM #2, 6:00 – 8:00 pm in SC 150 (Chapters 15, 16, 17, 18)

Ch. 19: Carboxylic Acids (13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 29, 31, 32, 33, 34)
 Ch. 20: Carboxylic Acid Derivatives: Nucleophilic Acyl Substitution (23, 24, 25, 27, 28, 29, 31, 35, 36, 40)
 Ch. 21: Ester Enolates (12, 13, 14, 15, 16, 17, 19, 20, 21, 22, 26, 28)

THURSDAY, DECEMBER 03: MIDTERM #3, 6:00 – 8:00 pm in SC 150 (Chapters 19, 20, 21)

Ch. 22: Amines (23, 24, 25, 27, 28, 30, 31, 33, 34, 35, 36, 37, 39, 40, 41, 42, 44, 49, 51)
 Ch. 25: Carbohydrates (21, 22, 24, 25, 26, 27, 37)

FRIDAY, DECEMBER 18: FINAL EXAM (All chapters covered during the semester): 10:10 – 12:00 PM in SC 150

GRADING, POINTS AND PERCENTAGE DISTRIBUTION

3 midterms	300 points	75%
Final exam	100 points	25%
Total	400 points	100%

Grading Scale:

A	90 – 100%	A-	87 – 89%
B+	84 – 86%	B	78 – 83%
B-	75 – 77%	C+	72 – 74%
C	66 – 71%	C-	62 – 64%
D	55 – 61%	F	0 – 54%

SOME COMMENTS AND SUGGESTIONS

LECTURES: It is in your best interest to familiarize yourself with the scheduled material ahead of time, in preparation for lectures. Attendance is not required for this course, but I strongly recommend it.

HOMEWORK: Although the above outlined homework assignments will not be required or graded, I strongly recommend that you invest time and effort to solve as many problems as possible, without continuous reference to the solutions manual. If you

should have any questions and/or difficulties, do not hesitate to ask me. And in order that I could assist you better, please keep and use a separate notebook for all your homework problems.

EXAMS: If you have a scheduling conflict with the time for a particular midterm, please contact me at least a week in advance in order to have the corresponding exam re-scheduled for a different date and/or time. All midterms count towards your final grade. The FINAL EXAM is comprehensive. **If your final exam score is higher than any of your midterm scores, than I will double the point value of your final exam and disregard that midterm.** Inquires about re-grading of exams must be brought to my attention no later than one week past the exam. Requests for re-grading at later dates will not be considered.

CLASROOM PARTICIPATION: A few points will be added to your total score (between 1 and 5, at the instructor's discretion) for active participation in the in-class discussion, i.e. answering questions or posing thought-provoking questions.

ORGANIC CHEMISTRY 314-01 CLASS CALENDAR, FALL 2009

	Monday	Tuesday	Wednesday	Thursday	Friday
AUGUST			26 Chapter 12		28 Chapter 12
	31 Chapter 12				
SEPTEMBER			02 Chapter 12		04 Chapter 13
	07 NO CLASSES		09 Chapter 13		11 Chapter 13
	14 Chapter 13		16 Chapter 13		18 Chapter 13
	21 Chapter 14		23 Chapter 14		25 Chapter 14
	28 Chapter 15	29 MIDTERM #1	30 Chapter 15		
OCTOBER					02 Chapter 15
	05 Chapter 16		07 Chapter 16		09 NO CLASSES
	12 Chapter 16		14 Chapter 17		16 Chapter 17
	19 Chapter 17		21 Chapter 17		23 Chapter 18
	26 Chapter 18		28 Chapter 18		30 Chapter 19
NOVEMBER	02 Chapter 19	03 MIDTERM #2	04 Chapter 19		06 Chapter 20
	09 Chapter 20		11 Chapter 20		13 Chapter 20
	16 Chapter 21		18 Chapter 21		20 Chapter 22
	23 Chapter 22		25 NO CLASSES		27 NO CLASSES
	30 Chapter 22				
DECEMBER			02 Chapter 22	03 MIDTERM #3	04 Chapter 25
	07 Chapter 25		09 Chapter 25 LAST CLASS		
					18 FINAL EXAM