

THE CITY COLLEGE OF NEW YORK
Department of Chemistry

Chemistry 45902 Lecture Schedule Fall 2009
 Professor Sacha De Carlo
 Monday, Wednesday 4:30-5:45 PM Room MR117
Textbook: Nelson and Cox, Lehninger "Principles of Biochemistry", Freeman & Co. 2008 5th Ed.

Date	Chapter	Suggested Problems
Aug 31 M	1-2 Cells, water I	(Cpt 1) 7, 8, 11, 12, 13
Sep 02 W	1-2 Cells, water II	(Cpt 2) 4, 17, 21, 24, 25, 28
07 M	No Classes (Labor Day)	
09 W	3 Amino acids, peptides, proteins	1-3, 5, 6, 9-11, 19
14 M	4 3D Protein Structure	1, 2, 4-10
16 W	5 Protein Function	1-6
21 M	6 Enzymes	1, 3, 4, 6-13, 19
23 W	7 Carbohydrates	1, 2, 10, 12, 13
29 T	EXAM I (Cpt 1-7)	
30 W	8 Nucleic Acids	2, 7, 12-14
Oct 05 M	9 DNA-Based Technologies	1-10
07 W	10 Lipids	2, 4-7, 18-22
12 M	No Classes (Columbus Day)	
14 W	11 Biological Membranes	2, 4, 6-8, 11-15, 17-19
19 M	14 Glycolysis	1, 10-16, 19, 24-28
21 W	EXAM II (Cpt 8-14)	
26 M	15 Glucose and Glycogen	1, 4, 5, 7, 8, 11
28 W	16 Citric Acid Cycle	16, 18, 19, 30, 32
Nov 02 M	17 Fatty Acid Oxidation	8, 9, 23, 24, 27
04 W	18 Amino Acid Oxidation	1, 2, 9, 16
09 M	19 Oxidative Phosphorylation	2, 4, 9, 21, 23
11 W	21 Lipid Biosynthesis	1, 4, 12, 13, 14
16 M	EXAM III (Cpt 15-21)	
18 W	22 Amino Acid Biosynthesis	4-10, 12, 14, 16, 17
23 M	24 Genes and Chromosomes	1-4
25 W	25 Replication and Recombination	1-5, 7-13
30 M	26 RNA Transcription and Processing	1-6, 9, 11
Dec 02 W	28 Transcription Regulation	1-9, 13
07 M	27 Protein Metabolism	1-14, 16
09 W	23 Hormones and Regulation	
14 M	Q&A, review session	
16 W	EXAM IV (Cpt 22 -28)	

Instructor: Prof. S. De Carlo (212-650-6070), sdecarlo@ccny.cuny.edu
 Marshak Science Building, Room 1335

Office hours: M, W 10:30-11:30AM. Room 1335

General policies

- 1) It is your responsibility to be aware of all announcements that may be made in class during this semester. If warranted by circumstances, the instructor may modify course policies during the semester.*
- 2) Cell phones must be turned off during class.*
- 3) Palm-size, laptop or other portable computing devices (including iPhone, BlackBerry and similar) are not permitted during tests or the final.*
- 4) All tests/quizzes, midterm and the final are closed book and no notes.*
- 5) Please do not drop-in outside designated office hours without an appointment. E-mail is the preferred mode of contact.*

LAST NAME:

FIRST NAME:

E-mail:

Major:

Career plans (if any):
