

CHEMISTRY 152 ELEMENTARY PHYSIOLOGICAL CHEMISTRY SYLLABUS
Summer Semester 2012

MEETINGS: Lecture: Cuneo 318, TWTh, 8:30 - 11:30 am
Lab: FH 204, F 8:30-11:30 am

TEXT: Fundamentals of General, Organic and Biological Chemistry, 6th Ed, By:
McMurry & Costellion
Study Guide: Full solution manual, By: Susan E. McMurry Prentice Hall 2003

OTHER MATERIAL: You should obtain a Periodic Table, a calculator, laboratory safety glasses

INSTRUCTOR: Mir Shamsuddin, D.V.M., Ph.D.
Office: FH 403, 773-508-3134
Hours: WF 11:45- 12:45 pm

EXAMINATIONS: EXAM 1: July 12, 2012
EXAM 2: July 26, 2012
FINAL EXAM: August 10, 2012

<u>EXAMINATION POLICY:</u> 2 Exams	200 pts
1 Final Exam	100 pts
Lab	115 pts

All points will be combined and reduced to a percentage before assigning the letter grade.
No letter grade for individual exams.

A	95-100%	C+	71-75%	F<50%
A-	91-94%	C	66-70%	
B+	86-90%	C-	61-65%	
B	81-85%	D+	56-60%	
B-	76-80%	D	51-55%	

MAKE-UP EXAMS AND QUIZZES WILL NOT BE GIVEN: If a properly documented emergency (minimally written, signed, and documented by doctors, judges or similar

officials, along with notification prior to the examination as well as appropriate reason and valid time period is required) prevents one from taking an exam, the instructor may allow an averaging of the other two examinations to calculate a grade for an excused exam. Absence from the final examination will result in a zero for that exam. Note—*no makeup work, extra credit, or the like will be awarded*; such an opportunity would not be fair to the others in the class and will not be entertained.

LABORATORY: There is a lab portion of this course. It will be described in a separate handout. Each student is expected to be enrolled in a lab session (Sections 002) Tue. 1 1:30 - 1:20.

INSTRUCTOR PRIVILEGES: The instructor reserves the right to correct any error in the syllabus or modify this syllabus as deemed necessary.

Reminder of Important Policies for the Course Chem 152 Summer 2012

Academic Dishonesty

The pressure of getting excellent grades can lead to frustration. However do not let such pressure interfere with your academic honor. It will be an unpleasant situation and there will be consequences if you are caught cheating, a failing grade for the course will be given. No note cards or other material can be used during exam.

Nursing students' integrity and trust is one of the most important aspects of professionalism. Any student found cheating on any examination will receive an automatic "zero" for that exam and his/her name will be brought to the attention of the Chairman of the Chemistry Department as well as the Dean of the Nursing School. It will then be decided whether further disciplinary action is necessary (in such situations, a permanent note of academic dishonesty will be attached to one's official records and transcripts).

Ethics Policy

Do not talk during class. Try not to disturb class during lectures or exam period. Be Respectful to the instructor and to your peers. If you have a problem during course, please come to me before or after the class and I will try to find the best solution.

Other Notes

1. No food or drinks are allowed in the classroom or laboratory.
2. Use of cell phones in the classroom will not be permitted; you may not bring one into the classroom unless ringer is turned off.
3. Read textbook prior to attending class.

Academic integrity is a very essential element in the educational process. For detail of the official policy regarding academic integrity visit:

<http://www.luc.edu/classicalstudies/academics.shtml#integrity>

Instructor Privileges

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PHYSIOLOGICAL CHEMISTRY 151 TENTATIVE LECTURE SCHEDULE
Summer 2011

Date	Day	Chapter	Topic
July 3	T	18	Amino Acids and Proteins
4	W		NO CLASS
5	TH	18	Amino Acids and Proteins
6	F	Lab	Lab
10	T	19	Enzymes and Vitamins
11	W	19	Enzymes and Vitamins
12	TH	24	Exam I and Lipids and Fats
13	F	Lab	Lab
17	T	24,21	Lipids and Fats; Biochemical Energy
18	W	21, 23	Energy and Carbohydrate Metabolism
19	TH	23	Carbohydrate Metabolism
20	F	Lab	Lab
24	T	23	Carbohydrate Metabolism
25	W	23, 25	Carbohydrate Metabolism; Lipid Metabolism
26	TH	25	Exam II and Lipid Metabolism
27	F	Lab	Lab
31	T	26	Nucleic Acid and DNA/RNA molecules
August 1	W	26	Nucleic Acid and DNA/RNA molecules
2	TH	27	Genome
3	F	Lab	Lab and Lab Quiz
7	T	20	Hormones and Messengers
8	W	29	Physiological Body Fluids
9	TH	29	Physiological Body Fluids
10	F		FINAL EXAM

LAB:

Grading: There will be a Safety Quiz worth 5 points on your first day of lab followed by equipment check-in. There will be a total of nine experiments. The procedure for each experiment and the outline for the required Pre-lab will be passed out during the previous lab period. Each lab meeting will start with submission by students of the completed Pre-lab on the experiment to be performed that day. The Pre-lab will be worth 3 points. The lab report, due immediately after completion of the experiment, and your technique, during the experiment, will be worth 7 points. There will be a final lab exam worth 10 points, which will be given by your Teaching Assistant. The entire 152 Lab will be worth a total of 115 points.

<u>Week Of:</u>	<u>Tentative Lab Schedule</u>
July 6	Check-In Safety Quiz Carbohydrates Polymerization and Model Building
July 13	Protein and Amino Acids Fat and Lipids
July 20	Vitamin C Content Analgesic, Aspirin Synthesis
July 27	Protein Chromatography Enzymes Assay
Aug. 3	Physiological Fluids Lab Quiz Check-Out