CHEM 152 Elementary Physiological Chemistry B
Summer Session II 2014
Course Syllabus

Instructor: Mark Aparece, M.S.
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Office Hours: Tu 11:50am-12:30pm
Th 12:00-1:00pm
Also by appointment

Teaching Assistant: Angela Mahaffey
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Office: Flanner Hall 406
Office Hours: Tu 3:45-4:35pm

Textbook and Materials
Required:

Fundamentals of General, Organic, and Biological Chemistry (7th ed.) by McMurry, Ballantine, Hoeger, and Peterson

Optional:

Study Guide and Solutions Manual to the textbook
Colored pens/pencils (I use lots of colors in lecture)

Course Overview
This course is the second in a yearlong two semester sequence of chemistry for nursing students. The fundamentals of biochemistry and other topics related to health science are discussed in the second semester.

For success in this course, it is important that you work on problems every day and that you *do not fall behind*. Chemistry moves fast, especially during the summer, and it is imperative that you keep up. It is strongly recommended that you do the practice problems in the textbook every day and ask questions of the instructor and teaching assistant.

Course Meeting
Lecture will meet TuWTh from 9:00-11:40am in Flanner Hall 105. Lab will meet Tu from 12:30-3:30pm in Flanner Hall 204.

Grading

Quizzes (5)	55%
Final Exam	20%
Lab	25%
Total	100%

Numerical scores will be converted to letter grades by the following:

93-100%	A	66-73%	C
90-93%	A-	60-66%	C-
86-90%	B+	56-60%	D+
80-86%	B	50-56%	D
76-80%	B-	<50%	F
73-76%	C+		

No cell phones, laptops, or tablets are allowed during lecture. Anyone caught using these devices will receive a five point penalty on that week's upcoming quiz each time he/she is caught.

Lab

Lab is worth 25% of your grade. There will be a weekly laboratory on Tuesday afternoons, as well as a lab final exam during the last week of the semester. Refer to the course webpage on Sakai at sakai.luc.edu.

Quizzes and Final Exam

There will be five exams over the course of the session each worth 11% of your overall grade, as well as a final exam worth 20%. All quizzes and exams are closed-book/closed-notes. At my discretion and only under extenuating circumstances may an exam be taken before or after the assigned time and date.

Instructor Privileges

I reserve the right to make changes and adjustments to this syllabus as necessary, including, but not limited to, the grading policy and course schedule.

Academic Integrity

Trust and integrity are important qualities in students, nursing students in particular. All submitted work must represent your own work and your own work only. Academic dishonesty of any kind, such as plagiarism and cheat sheets on exams, will not be tolerated. Any student caught cheating on an assignment in any way will receive a "zero" for that assignment and be reported to Chairperson of the Chemistry Department and the Dean of the Nursing School. For further information regarding the Academic Integrity policy and disciplinary procedures, refer to the Undergraduate Studies Catalog: http://www.luc.edu/academics/catalog/undergrad/reg_academicintegrity.shtml.

Tentative Schedule

Week	Day	Date	Activities	Chapters
1	Tu	7/1	**Lab 1**	Ch. 18 Amino Acids and Proteins Ch. 19 Enzymes and Vitamins
	W	7/2		
	Th	7/3	**In-class worksheet 1**	
2	Tu	7/8	**Quiz 1** **Lab 2**	Ch. 20 The Generation of Biochemical Energy Ch. 21 Carbohydrates (quick review) Ch. 22 Carbohydrate Metabolism
	W	7/9		
	Th	7/10	**In-class worksheet 2**	
3	Tu	7/15	**Quiz 2** **Lab 3**	Ch. 23 Lipids Ch. 24 Lipid Metabolism
	W	7/16		
	Th	7/17	**In-class worksheet 3**	
4	Tu	7/22	**Quiz 3** **Lab 4**	Ch. 25 Nucleic Acids and Protein Synthesis Ch. 26 Genomics
	W	7/23		
	Th	7/24	**In-class worksheet 4**	
5	Tu	7/29	**Quiz 4** **Lab 5**	Ch. 27 Protein and Amino Acid Metabolism Ch. 28 Chemical Messengers
	W	7/30		
	Th	7/31	**In-class worksheet 5**	
6	Tu	8/5	**Quiz 5** **Lab Final**	Ch. 29 Body Fluids
	W	8/6	**In-class worksheet 6**	
	Th	8/7	**Final Exam**	