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Imperial Valley College  
Fall 2012

**Chemistry 160 ( CRN # 10085)**  
**Introduction to General, Organic and Biochemistry**

**Course Description:** This is a one-semester course covering topics that are relevant to Nursing and Allied Health Sciences. The course includes topics from General Chemistry, Organic and Biochemistry, with emphasis on Organic and Biochemistry.

Lecture: MW: 1:40-3:30pm  
Lab: Th: 1:30-4:40pm  
Room: 2715

**Add/Drop/Withdrawal Dates:** Students are responsible for meeting these Deadlines.

**Attendance and Tardy Policy:** Class attendance and tardy policy follows the Regulations as in the IVC catalog. I would appreciate if advance notice of any absence be given. Please make every effort to be on time for the lecture and the lab. **If you have THREE absences Lecture or Lab you will be dropped from the class at the Instructor's discretion.**

**Classroom door will be locked FIVE minutes after the Lecture/Lab starts. Students who are late will NOT be allowed to attend the class for that day.**

Any student with a documented disability who may need educational accommodations should notify the Instructor or the Disabled Student Programs and Services (DSP & S) Office as soon as possible.

**NO FOOD OR DRINKS IN THE CLASSROOM AND THE LAB.**

**PLEASE TURN OFF YOYR CELL PHONES IN THE CLASSROOM AS A COURTESY TO THE INSTRUCTOR AND YOUR CLASSMATES.( If you are on call please let me know before the class starts).**

**Use of cell phones by the students in the classroom is strictly prohibited. Students who violate this rule will be asked to leave the classroom.**

Students are required to bring textbook/lab manual on appropriate days. Otherwise they will not be allowed to attend the class that day.

Grading scale: A=90-100%  
B=89-80%  
C=79-70%  
D=69-60%  
F=Below 59%

### **Exams (300 Points)**

There will be THREE exams during the course, each worth 100 points. THERE WILL BE NO MAKE-UP EXAMS.

**Final exam (100 Points):** Final exam must be taken as scheduled to receive a passing grade. In case of illness or other valid excuse for which there is a written documentation, please notify me as soon as possible so that I could make suitable arrangements.

Quizzes will be given periodically at the beginning of the class. **IF YOU ARE LATE, YOU CANNOT TAKE THE QUIZ.**

Points you earn in the exams, quizzes, class/lab assignments graded by the Instructor will contribute towards your overall grade in the class for the semester. **STUDENTS ARE RESPONSIBLE FOR KEEPING TRACK OF THEIR ACADEMIC PROGRESS DURING THE COURSE.**

Attendance is required. Roll will be taken at the beginning/end of the class. Students are expected to be in the class until the class is dismissed by the Instructor. **IF YOU HAVE BEEN MARKED ABSENT FOR THE DAY, YOUR ASSIGNMENT FOR THAT DAY WILL NOT BE GRADED.**

### **Student Learning Outcomes:**

Upon course completion, students will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Calculate drug dosage using English and Metric unit interconversions and dimensional analysis. (ILO 2)
2. Identify different classes of organic compounds. (ILO2)
3. Identify different functional groups in organic compounds. (ILO2)
4. Write a research paper on biochemical disorders. (ILO4)
5. Discuss the geographical/ethnic distribution of biochemical disorders. (ILO5)

WK	DAY	DATE	LECTURE	LABORATORY	MATERIALS NEEDED
<b>1</b>	Mon.	8-20	Intro to Course		
	Wed.	8-22	Chapter 1		
	Thur.	8-23		LAB CHECK-IN	
<b>2</b>	Mon.	8-27	Chapter 1		
	Wed.	8-29			
	Thur.	8-30		NO LAB; Chapter 8	
<b>3</b>	Mon.	9-3	<b>HOLIDAY</b>		
	Wed.	9-5	Chapter 8		
	Thur.	9-6		<b>LAB 21</b>	A and B
<b>4</b>	Mon.	9-10	Chapter 12		
	Wed.	9-12			
	Thur.	9-13		LAB 23	C and D
<b>5</b>	Mon.	9-17	Chapter 13		
	Wed.	9-19			
	Thur.	9-20		LAB 24	C and D
<b>6</b>	Mon.	9-24	<b>EXAM 1</b> ; Chapter 14		
	Wed.	9-26			
	Thur.	9-27		LAB 25	C and D
<b>7</b>	Mon.	10-1	Chapter 15		
	Wed.	10-3			
	Thur.	10-4		LAB 27	
<b>8</b>	Mon.	10-8	Chapter 16		
	Wed.	10-10			
	Thur.	10-11		NO LAB; <b>EXAM 2</b>	
<b>9</b>	Mon.	10-15	Chapter 17		
	Wed.	10-17			
	Thur.	10-18		LAB 28	<b>B and C</b>
<b>10</b>	Mon.	10-22	Chapter 18		
	Wed.	10-24			
	Thur.	10-25		LAB 29	A and B
<b>11</b>	Mon.	10-29	Chapter 19		
	Wed.	10-31			
	Thur.	11-1		LAB 30	

WK		DATE	LECTURE	LABORATORY	MATERIALS NEEDED
<b>12</b>	Mon.	11-5	<b>EXAM 3</b>		
	Wed.	11-7			
	Thur.	11-8		LAB 37	
<b>13</b>	Mon.	11-12	Chapter 20		
	Wed.	11-14			
	Thur.	11-15		NO LAB; Chapter 21	
<b>14</b>	Mon.	11-19	Chapter 22		
	Wed.	11-21			
	Thur.	11-22	HOLIDAY	NO LAB	
<b>15</b>	Mon.	11-26	Chapter 23		
	Wed.	11-28			
	Thur.	11-29		LAB 39	
<b>16</b>	Mon.	12-3	Review Finals		
	Wed.	12-5	<b>FINAL EXAM</b>		

Required Text book : General, Organic, Biological Chemistry (Custom Edition)

Timberlake

ISBN # 0-536-39242-0

Lab Manual: Laboratory Manual; Organic & Biological Chemistry;

Structure of life

Timberlake

ISBN # 0-8053-2992-7