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Imperial Valley College
Fall 2012

Chemistry 100 (CRN # 10081;10083)
Introduction to Chemistry

Course Description: **This course is recommended for students who need only a one-semester general chemistry course and also for students entering paramedical and allied health fields. This course will satisfy the prerequisite for CHEM 200.**

Lecture : TTh: 8:35-11:45 am; 6:30-9:40pm
Lab : TTh: 8:35- 11:45 am; 6:30-9:40 pm
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 in the IVC catalog. It is appreciated if advance notice of absence can 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 and students who are late will not be allowed into the classroom.

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

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

PLEASE TURN OFF YOUR CELLPHONES IN THE CLASSROOM AS A COURTESY TO YOUR CLASSMATES AND YOUR INSTRUCTOR(If you are on call please notify me).

Students are required to bring textbook for the lecture and lab manual for the lab. Students who do not bring textbook/lab manual on appropriate days will be asked to leave the class.

Students are required to have a scientific calculator and bring it to lecture/lab otherwise they will not be allowed to attend the class.

Students who are found to be on Internet during Lecture/Lab will be asked to leave the classroom for the day.

Students are NOT allowed to use their cell phones as calculators.

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

Grading Policy:

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):
The 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 your are late you cannot take the quiz.

Points you earn in the exams, quizzes, class assignments and any home work 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, your assignment for that day will not be graded.

Student Learning Outcomes:

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

1. **Calculate English and Metric unit conversions and measurements using dimensional analysis. (ILO 4).**
2. **Write symbols for elements and know common ionic charges. (ILO 2).**
3. **Derive and write formulas and names for chemical compounds. (IOL 2).**
4. **Write and balance chemical equations and identify reaction types. (IOL 4).**

WK	DAY	DATE	LECTURE	LABORATORY	
1	Tue	8/21	Intro to Course; Chapter 1	NO LAB	
	Thr	8/23		Lab Check-in; NO LAB	
2	Tue	8/28	Chapter 2		
	Thr	8/30		Expt 2	
3	Tue	9/4	Chapter 3		
	Thr	9/6		NO LAB / Lecture Chapter 4	
4	Tue	9/11	Review Chapters 1-4		
	Thr	9/13		**EXAM 1**	
5	Tue	9/18	Chapter 5		
	Thr	9/20		Expt 5	
6	Tue	9/25	Chapter 6		
	Thr	9/27		Expt 7	
7	Tue	10/2	Chapter 7		
	Thr	10/4		Expt 11; 12	
8	Tue	10/9	Chapter 8		
	Thr	10/11		NO LAB/ **EXAM 2**	
9	Tue	10/16	Chapter 9		
	Thr	10/18		NO LAB/ Lecture Chapter 10	
10	Tue	10/23	Chapter 11,12,13		
	Thr	10/25		**EXAM 3**	
11	Tue	10/30	Chapter 14,15,16		
	Thr	11/1		Expt 22	
12	Tue	11/6	Chapter 18,19		
	Thr	11/8		Expt 23	

13	Tue	11/13	Chapter 20,21,22,23		
	Thr	11/15		Expt 29 (C and D)	
14	Tue	11/20	Chapter 24,25,26		
	Thr	11/22	HOLIDAY	HOLIDAY	
15	Tue	11/27	Chapter 27,28,29		
	Thr	11/29		**LAB EXAM**	
16	Tue	12/3	REVIEW		
	Thr	12/5	FINALS		

Recommended text: **Introduction to General,Organic and Biochemistry**
Hein, Pattison and Arena (Tenth Edition).
ISBN 978-0-470-59880-1

Introduction to General, Organic and Biochemistry in the Laboratory
Hein, Peisen Ritchey (Tenth Edition)
ISBN 987-0-470-59881-8