ACADEMIC SCHEDULE – CHE 111 CONCEPTS OF CHEMISTRY
LECTURE: 09:30AM – 10:50PM TUESDAY/THURSDAY
LAB: 01:00PM – 04:00PM TUESDAY

SPRING 2011 ***Melani Saurez-Contreras, Instructor***

WEEK – DATE	**************LESSONS**************
1 / 1/20	Orientation / The Scientific Method / Matter Chapters 1 & 2
2 / 1/25	Matter & Energy – Required reading – Chapter 2
2 / 1/27	Quiz 1 / Matter & Energy cont'd / Measurements in Chemistry – Required reading – Chapter 3
3 / 2/01	Measurements in Chemistry – Required reading – Chapter 3
3 / 2/03	Open – Instructor 's professional day – Classes not in session.
4 / 2/08	Quiz 2/Measurements cont'd. / Atom, Elements, & Compounds – Required reading – Chapter 4 & 18
4 / 2/10	Chaps. 4 & 18 cont'd./Electron Arrangement–Required reading – Chapter 5
5 / 2/15	Electron Arrangement – Required reading – Chapter 5
5 / 2/17	Quiz 3/ Electron Arrangements cont'd. & Chemical Bonding – Chapter 8
6 / 2/22	Chemical Bonds – Required reading – Chapter 8/ Chemical Bonding & Formula Writing – Required reading – Chapter 8
6 / 2/24	******************UNIT TEST 1**************************
7 / 3/01	The Periodic Table – Required reading - Chapter 7
7 / 3/03	The Periodic Table – Required reading – Chapter 7
8 / 3/08	Quiz 4 / Naming Inorganic Compounds – Required Reading – Chapter 6
8 / 3/10	Naming inorganic compounds cont'd / Calculating formula weights – Required Reading – Chapter 9
9 / 3/15	***Spring Break***
9 / 3/17	***Spring Break***
10 / 3/22	The Mole/Percent Composition/Empirical Formulas – Required reading Chapters 4,9
10 / 3/24	Quiz 5/ Chapter 9 cont'd / Chemical Equations – Required reading Chapter 10
11 / 3/29	Stoichiometry – Required reading – Chapter 11
11 / 3/31	Quiz 6/ Gases & the Gas Laws – Required reading – Chapter 12

12	/	4/05	Water / Liquids / Solids – Required reading – Chapter 13
12	/	4/07	**********UNIT TEST 2**********
13	/	4/12	Solutions – Required reading – Chapter 14
13	/	4/14	Quiz 7/ Solution cont'd – Ionization / Acid – Bases / Electrolytes Required reading Chapter 16
14	/	4/19	Oxidation –Reduction Reaction rates / Electrolytic Cells / Chemical Equilibrium – Required reading – Chapters 15. 16 & 17
14	/	4/21	Quiz 8 / Organic Chemistry / Carbohydrates, Lipids, Proteins – Required reading – Chapter 20 & handout
15	/	4/26	Organic Chemistry – Nucleic Acids / Biochemistry – Required reading – Chapter 20 and Handout
15	/	4/28	Biochemical Mechanisms / Chemistry – Required reading - Chapter 20 and Handout
16	/	5/03	Quiz 9 / Biochemical Mechanism cont'd / Hydrocarbons – Chapter 19
16	/	5/05	Hydrocarbons – Required reading – Chapter 19
17	/	5/09	Last day to withdraw from class.
17	/	5/10	**********UNIT TEST 3 **********
17	/	5/12	Review Unit Test 3 / Explain final exam process
18	/	5/17	FINAL EXAM – 9:30am – 12:00pm

CHEMISTRY 111 LAB SCHEDULE

LAB: 01:OOPM – 04:00PM Tuesday - ROOM B216

Melani Saurez-Contreras, INSTRUCTOR

WEEK	DATE	********** ACTIVITY **********
1	1/25	Lab Procedures, Lab Safety, and Basic Equipment
2	2/01	Measurements in Chemistry
3	2/08	Percent of Water in a Hydrate
4	2/15	Properties of Chemical Substances
5	2/22	Atoms, Molecules, Chemical Bonding and Chemical Formulas
6	3/01	********** LAB PRACTICAL 1 **********
7	3/08	Qualitative & Chemical Formulas by Quantitative Analysis
8	3/15	***Spring Break***
9	3/22	Problem Solving Session I
10	3/29	Problem Solving Session II
11	4/05	Stoichiometry (mass-mass) during an acid/base reaction
12	4/12	Solutions
13	4/19	Acids, Bases, Titration, and Electrolytes
14	4/26	Biochemistry / Organic Chemistry
15	5/03	**********LAB PRACTICAL 2**********