Tentative: ACADEMIC SCHEDULE
CHE 111 CONCEPTS OF CHEMISTRY

Lecture: 9:00am – 9:55am MWF
LAB #1: 1:00pm – 4:00pm M
LAB #2: 1:00pm – 4:00pm W

Fall 2012 Dr. Donald David Pascal, Instructor

WEEK	DATE	********** LESSON(S) **********
1	08/27	Orientation (Review syllabus) / Scientific Method - Ch 1
1	08/29	Scientific Method cont'd / Chemistry – Required reading – Ch 1 & Pgs 57-69 of Chapter 3 and Chapter 4
1	08/31	Chemistry, Matter & Energy – Required reading – pgs 57-69 Chapter 3 & Chapter 4
2	09/03	Labor Day – No Class
2	09/05	Matter & Energy – Required reading – pgs 57-69 Chapter 3 & Chapter 4 Measurements in Chemistry – Required reading – Chapter 2
2	09/07	*Quiz 1* / Measurements in Chemistry – Required reading – Chapter 2 & Pages 40-56 of Chapter 4
3	09/10	Measurements in Chemistry – Required reading – Chapter 4
3	09/12	Atoms, Elements, Molecules & Compounds – Required reading – Chapters 5 & 18
3	09/14	Atoms, Elements, Molecules & Compound cont'd – Chapters 5 & 18
4	09/17	*Quiz 2* / Atoms / Electrons and Principle Energy Levels Required reading – Chapter 5
4	09/19	Electron Arrangement – Required reading – Chapter 5
4	09/21	Electron Arrangement – Required reading – Chapter 5
5	09/24	*Quiz 3* / Chemical Bonding – Required reading –pgs 155-164 of Ch. 6 and Chapter 12 Rules for writing formulas for ionic and covalent compounds 7.4 Chapter 7

5	09/26	Writing Chemical Formulas (Ionic and Covalent) – Required reading 7.4 Chapter 7 & Chapter 12
5	09/28	********** ***UNIT TEST 1*** **********
6	10/01	The Period Table – Required reading- Chapter 6
6	10/03	The Periodic Table – Required reading – Chapter 6
6	10/05	The Periodic Table – Required reading – Chapter 6 / *Quiz 4*
7	10/08	Naming inorganic compounds – Required reading – Chapter 7
7	10/10	Naming inorganic compounds – Chapter 7
7	10/12	Naming inorganic compounds cont'd // Calculation of Formula Weighs(Molar mass & Molecular mass)-Required reading – Chapter 9 2.10 Chapter 2
8	10/15	*Quiz 5* / Calculations: Formulas Weight, Moles Required reading Chapters 2 (2.10) & 9
8	10/17	Calculations: Percent Composition – Empirical Formulas / cont'd
8	10/19	Chemical Equations – Required reading – Chapter 8
9	10/22	Chemical Equations Ch 8 and Stoichiometry – Ch 10
9	10/24	Stoichiometry – Required reading – Chapter 10
9	10/26	*Quiz 6* / Stoichiometry cont'd / Gases – Chapter 11
10	10/29	Gases and the Gas Laws – Required reading – Chapter 11
10	10/31	Liquids & Solids – Required reading – Chapter 13
10	11/02	Liquids & Solids cont'd
11	11/05	********** ***UNIT TEST 2*** **********
11	11/07	Solutions – Required reading – Chapter 14
11	11/09	Solutions – Required reading – Chapter 14
12	11/12	Solutions - Required reading – Chapter 14
12	11/14	*Quiz 7/* Acids, Bases - Chapter 15

12	11/16	Electrolytes, Ionization and Ionic Equation Required reading – Chapter 15
13	11/19	Oxidation-Reduction Reactions Required reading – Chapters 16 & 17
13	11/21	*Quiz 8* / Reaction Rates and Chemical Equilibrium – Chapters 16,17
13	11/23	Holiday – No class
14	11/26	Organic Chemistry – Required reading – Chapter 20 and Handout
14	11/28	Organic Chemistry – Chapter 20 and Handout
14	11/30	Organic Chemistry /Biochemical processes – Required reading – Chapter 20 & Handout
15	12/03	*Quiz 9 /* Bio-chemistry cont'd
15	12/05	Bio-chemistry cont'd / Hydrocarbons – Chapter 19
15	12/07	Hydrocarbons – Required reading Chapter 19
16	12/10	Hydrocarbons – Required reading Chapter 19
16	12/12	Hydrocarbons – Required reading Chapter 19
16	12/14	********** *UNIT TEST 3* **********
17	12/17	Review Unit Test 3 and Explain the Final exam Process
17	12/19	**FINAL EXAM - 09:00am – 11:30pm – Room TBA**

CHE 111 LABORATORY SCHEDULE – ROOM - B216 Fall 2012 - Pascal
Lab#1: 1:00pm – 4:00pm - Monday's (M)
Lab#2: 1:00pm – 4:00pm – Wednesday's (W)

WEEK	DATE(S)	*****LESSON(S) **********
1	8/27 – 29	Lab Procedures, Safety & Equipment
2	9/05	W - Measurements in Chemistry
3	9/10	M - Measurements in Chemistry
3	9/12	W - Percent of Water in a Hydrate
4	9/17	M - Percent of Water in a Hydrate
4	9/19	W - Properties of Chemical Substances/Physical or Chemical Changes
5	9/24	M - Properties of Chemical Substances/Physical or Chemical Changes
5	9/26	W - Atoms, Molecular Bonds, & Writing Chemical Formulas
6	10/01	M - Atoms, Molecules Bonds, & Writing Chemical Formulas
6	10/03	W - ******* ***LAB PRACTICAL 1 **********
7	10/08	M - *******LABPRACTICAL 1 **********
7	10/10	W - Qualitative Analysis & Quantitative Analysis (Chemical Formulas)
8	10/15	M - Qualitative Analysis & Quantitative Analysis (Chemical Formulas)
8	10/17	W - Open Activity
9	10/22 - 24	*PROBLEM SOLVING SESSION I*
10	10/29 -31	Problem Solving Session II
11	11/05 - 07	Solutions
12	11/12 - 14	Acids / Bases – Titration - Electrolytes
13	11/19 - 21	Stoichiometry (Mass – Mass) Acid/Base Reaction
14	11/26 – 28	Organic / Bio - Chemistry
15	***12/03 – 05***	********** ***LAB PRACTICAL 2 **********