Tentative: ACADEMIC SCHEDULE
CHE 111 CONCEPTS OF CHEMISTRY

Lecture: 9:30am – 10:55am / Monday (M) and Wednesday (W) Room 208
Lab: 9:30am – 12:25pm Tuesday (T) Room 207

Fall 2008 Mr. Ram Prasad Neupane, Instructor

WEEK	DATE	********** LESSON(S) **********
1	09/01	No Class – Labor Day
1	09/03	Orientation(Review syllabus) / Scientific Method / Required reading – Chapters 1 & 2
2	09/08	Chemistry, Matter & Energy – Required reading – Chapter 2
2	09/10	Matter & Energy – Required reading – Chapter 2 Measurements in Chemistry – Required reading – Chapter 3
3	09/15	*Quiz 1* / Measurements in Chemistry – Required reading – Chapter 3
3	09/17	Measurements in Chemistry – Required reading – Chapter 3
4	09/22	Atoms, Elements, Molecules & Compounds – Required reading – Chapters 4 & 18
4	10/24	*Quiz 2* / Atoms, Elements, Molecule & Compounds cont'd / Electrons and Principle Energy Levels – Required reading – Chapter 5
5	09/29	Electrons Arrangement – Required reading – Chapter 5
5	10/01	*Quiz 3* / Electron Arrangement –Required reading – Chapter 5 Chemical Bonding – Required reading – Chapter 8
6	10/06	Chemical Bonding & Writing Chemical Formulas – Required reading Chapter 8
6	10/08	********** *UNIT TEST 1* **********

WEEK	DATE	********** LESSON(S) **********
7	10/13	The Periodic Table – Required reading – Chapter 7
7	10/15	The Periodic Table – Required reading – Chapter 7 / *Quiz 4*
8	10/20	The Periodic Table cont'd / Naming inorganic compounds – Required reading – Chapter 6
8	10/22	Naming inorganic compounds cont'd / Calculation of Formula Weighs(Molar mass & Molecular mass)-Required reading – Chapter 9 4.12 Chapter 4
9	10/27	*Quiz 5* / Calculations: Formulas Weight, Moles, Percent Composition, and Empirical Formulas – Required reading Chapters 4 & 9
9	10/29	Chemical Equations – Required reading – Chapter 10
10	11/03	Stoichiometry – Required reading – Chapter 11
10	11/05	*Quiz 6* / Gases and the Gas Laws – Required reading – Chapter 12
11	11/10	Liquids(Water) & Solids – Required reading – Chapter 13
11	11/12	********** ***UNIT TEST 2*** **********
12	11/17	Solutions – Required reading – Chapter 14
12	11/19	Solutions - Required reading – Chapter 14
13	11/24	*Quiz 7/* Acids, Bases, Electrolytes, Ionization and Ionic Equation Required reading – Chapters 16 & 17
13	11/26	Oxidation-Reduction Reactions/Reaction Rates and Chemical Equilibrium – Required reading – Chapters 15, 16 & 17

WEEK – DATE		**********LESSON(S) **********
14	12/01	*Quiz 8 /* Organic Chemistry – Required reading – Chapter 20 and Handout
14	12/03	Organic Chemistry/Biochemical processes – Required reading – Chapter 20 & Handout
15	12/08	*Quiz 9 /* Bio-chemistry cont'd
15	12/10	Hydrocarbons – Required reading Chapter 19
16	12/15	********** ***UNIT TEST 3*** **********
16	12/17	Review Unit Test 3 and Explain the Final exam Process
17	12/22	**FINAL EXAM - 09:30am – 12:30pm**

CHE 111 LABORATORY SCHEDULE – ROOM TV 207 Fall 2008
Lab: Tuesday's (9:30am - 12:25pm)

WEEK – DATE(S) – *****LESSON(S) **********

1	9/02	Lab Procedures, Safety & Equipment
2	9/09	Measurements in Chemistry
3	9/16	Percent of Water in a Hydrate
4	9/23	Properties of Chemical Substances/Physical or Chemical Changes
5	9/30	Atoms, Molecular Bonds, & Writing Chemical Formulas
6	10/07	******* ***LAB PRACTICAL 1 **********
7	10/14	Qualitative Analysis & Quantitative Analysis (Chemical Formulas)
8	10/21	Stoichiometry (Mass-Mass) in an acid / base reaction
9	10/28	*PROBLEM SOLVING SESSION I*
10	11/04	*PROBLEM SOLVING SESSION II*
11	11/11	Open activity
12	11/18	Solutions
13	11/25	Acids / Bases – Titration - Electrolytes
14	12/02	Organic / Bio - Chemistry
15	***12/09***	********** ***LAB PRACTICAL 2 **********
16	***12/16***	***Lab clean up***