

## TENTATIVE ACADEMIC SCHEDULE

CHE 111 Concepts of Chemistry                      Dr. David Pascal, Instructor

LECTURE: 6:00pm – 9:00pm Monday - Room D226

LAB:            6:00pm – 9:00pm Wednesday – B216 Spring 2011

WEEK – DATE	***** LESSONS *****
1      1/24	Handout Syllabus/ Chemistry / Matter & Energy – Chapters 1 and 2
1      1/26	<b>Lab: Laboratory procedures, Lab safety, and Lab equipment</b>
2      1/31	Quiz 1 / Measurements in Chemistry – Chap. 3
2      2/02	<b>Lab: Measurements in Chemistry</b>
3      2/07	Quiz 2 / Atoms and Elements and Compounds - Chap. 4 and 18
3      2/09	<b>Lab: Percent of water in a hydrate</b>
4      2/14	Quiz 3/Electron arrangement/Bonding/Writing Chemical Formulas – Chapters 5,8
4      2/16	<b>Lab: Properties of Chemical Substance (Physical or Chemical Change)</b>
5      2/21	President's Day / Instructor's Decision for Class
5      2/23	<b>Lab: Atoms, Molecules, Bonding</b>
6      2/28	<i>Unit Test I</i> (6:00pm – 7:20pm) /Break/ The periodic table Chap. 7 (7:40pm-9:00pm)
6      3/02	<b>Lab: Practical 1 (6:00pm – 7:35pm) / 7:50pm – 9:00pm Lecture Chap. 7</b>
7      3/07	The periodic table - Naming compounds Inorganic compounds Chapter 7 Quiz 4 - Take home due: 3/21/2011
7      3/09	<b>Lab: Qualitative Analysis &amp; Chemical Formulas</b>
<b>8      3/14</b>	<b>Spring Break</b>
<b>8      3/16</b>	<b>Spring Break</b>
9      3/21	Quiz 5 / Formula Weights/ The Mole / Percent Composition / Empirical Formulas / Chemical Equations and Stoichiometry – Required reading – Chaps. 4, 9, 10 and 11
<b>9      3/23</b>	<b>Problem Solving Sessions I</b>
10     3/28	Quiz 6 / Stoichiometry cont'd. / The Gas Laws – Required reading – Chap. 12 / Water, Other Liquids and Solids – Required reading – Chap. 13
<b>10     3/30</b>	<b>Problem Solving Session II</b>
11     4/04	** <i>UNIT TEST II</i> from 6:00pm – 7:55pm ** / Break 7:55pm – 8:10pm / LECTURE – 8:10pm – 9:00pm – Solutions – Required reading – Chap. 14
11     4/06	<b>Lab: Stoichiometry –mass – mass reaction</b>
12     4/11	Quiz 7/Solutions cont'd./Acids, Bases, Electrolytes – Required reading – Chaps. 16,17
12     4/13	<b>Lab: Solutions</b>
13     4/18	Quiz 8/Redox equations and Chemical Equilibrium–Required reading–Chaps. 15 & 17 Organic Chemistry – Required reading – Chap. 20 and Handouts
13     4/20	<b>Lab: Acids/Bases – Titration of Commercial Vinegar</b>
14     4/25	Quiz 9 / Organic Chemistry – Bio-chemical Mechanisms – Required reading – Chap. 20 and Handouts
14     4/27	<b>Lab: Organic/Biochemistry</b>
15     5/02	Organic Chemistry/Bio chemical mechanisms cont'd / The hydrocarbons – Required reading chapters 19 & 20
15     5/04	<b>Lab: Lab Practical II / Lecture Hydrocarbons if needed ( 7:30pm – 9:00pm )</b>

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16	5/09	**** UNIT TEST 3*****
16	5/11	Review Test 3 and Final exam prep.
17	5/16	Final Exam
17	5/18	Final Exam if required to because of snow cancellation earlier in the semester.

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