

## TENTATIVE ACADEMIC SCHEDULE - David Pascal

CHE 111 Concepts of Chemistry - Fall 2013

LECTURE: 6:00pm – 9:00pm Monday

LAB: 6:00pm – 9:00pm Wednesday

WEEK – DATE	***** LESSONS *****
1 8/26	Handout Syllabus / <b>Lecture:</b> Chemistry and Matter
1 8/26	Chemistry, Matter and Energy – Chaps. 1 , 3 ,4 / Measurements – Chaps. 2, 3
1 8/28	<b>LAB: Lab Procedures, Safety &amp; Equipment</b>
2 9/02	Labor Day – No Class
2 9/04	<b>LAB: Measurements in Chemistry</b>
3 9/09	Quiz 1 / Measurements – Required reading – Chaps. 2, 3
3 9/11	<b>LAB: Percent of Water in a Hydrate</b>
4 9/16	Quiz 2/ Atoms, Elements, and Compounds – Required reading – Chapters 5 & 18
4 9/18	<b>LAB: Properties of Chemical Substances ( Physical or Chemical Changes)</b>
5 9/23	Quiz 3 / Electron arrangement/Chemical bonding and writing chemical formulas – Required reading Chaps 5 & pgs. 155-164 of Chapter 6 / 7.4 Chapter 7 & Chapter 12
5 9/25	<b>LAB: Atoms, Molecules, Bonding and Chemical Formulas</b>
6 9/30	** UNIT TEST 1 from 6:00pm – 7:20pm **/ Break 7:20pm – 7:40pm / LECTURE: 7:40pm – 9:00pm – The Periodic Table – Required reading – Chap. 6
6 10/02	<b>LAB: Lab Practical 1 (6:00pm – 7:30pm **Break 7:30pm – 7:50pm**</b> <b>LECTURE: *** 7:50pm – 9:00pm ***The Periodic Table – Required reading – Chapter 6</b>
7 10/07	Quiz 4 ( Take Home) The Periodic Table – Required reading – Chap. 6 / Naming Inorganic Compounds – Required reading – Chap. 7 / Calculating Formula Weights – Required reading - Chapters 2 & 9
7 10/09	<b>LAB: Qualitative Analysis &amp; Chemical Formulas</b>
8 10/14	Quiz 5/ The Mole / Percent composition / Empirical Formulas / Chemical Equations / Stoichiometry – Required reading – Chapters 2, 8, 9, 10
8 10/16	<b>LAB: Stoichiometry Mass-Mass) In an Acid/Base Reaction</b>
9 10/21	Quiz 6 / Stoichiometry cont'd / The Gas Laws – Required reading – Chap. 11
9 10/23	<b>LAB: Problem Solving Session I</b>
10 10/28	Gas Laws cont'd / The properties of Water / Liquids and Solids – Required reading – Chapter 13
10 10/30	<b>LAB: Problem Solving Session II</b>
11 11/04	** UNIT TEST 2 from 6:00pm – 7:55pm ** / Break 7:55pm – 8:10pm/ <b>LECTURE: 8:10pm-9:00pm – Solutions – Required reading – Chap. 14</b>
11 11/06	<b>LAB: Solutions</b>
12 11/11	Solutions–Required reading – Chap. 14/Acids and Bases–Required reading – Chap 15
12 11/13	<b>LAB: Acids/Bases / Titration of Commercial Vinegar</b>

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13	11/18	Quiz 7/Redox Equations & Chemical Equilibrium-Required reading – Chaps. 16 & 17
13	11/20	<b>LAB: Organic Lab</b>
14	11/25	Quiz 8 / Organic Chemistry – Biochemistry – Required reading – Chap. 20 - handouts
14	11/27	<b>LAB: Open</b>
15	12/02	Quiz 9 / Bio-chemical Mechanisms – The Hydrocarbons - Required reading – Chaps. 20, 19
15	12/04	<b>LAB: Lab Practical II</b>
16	12/09	UNIT TEST III
16	12/11	***** Review Unit Test 3 & Semester*****
17	12/16	FINAL EXAM – 6:00PM – 9:00PM

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