

TENTATIVE ACADEMIC SCHEDULE – Melani Saurez-Contreras

CHE 111 Concepts of Chemistry

LECTURE: 6:00pm – 9:00pm Tuesday – D224

LAB: 6:00pm – 9:00pm Thursday – B216

WEEK – DATE	***** LESSONS *****
1 8/27	Handout Syllabus & lab package to Students/
2 9/01	Chemistry & Matter – Required reading Chapters 1 and 2
2 9/03	LAB: Lab Safety – Procedures – Common Lab Equipment
3 9/08	Chemistry and Matter/Measurements – Required reading – Chapters 1,2,3
3 9/10	LAB: Measurements in Chemistry
4 9/15	Quiz 1 / Measurements – Required reading – Chap. 3
4 9/17	LAB: Percent of Water in a Hydrate
5 9/22	Quiz 2 / Atoms, elements and compounds – Required reading Chapter 4
5 9/24	LAB: Properties of Chemical Substances (Physical or Chemical Changes)
6 9/29	Quiz 3/ Electron arrangement/Chemical Bonding/Formulas – Chapters 5 & 8
6 10/01	LAB: Atoms, Molecules, Bonding and Chemical Formulas using molecular models
7 10/06	** UNIT TEST 1 from 6:00pm – 7:35pm **/ Break 7:35pm – 7:50pm / LECTURE: 7:50pm – 9:00pm – The Periodic Table – Required reading – Chap. 7
7 10/08	LAB: Lab Practical 1 (6:30pm – 7:50pm / **Break 7:50pm – 8:15pm** LECTURE: *** 8:15pm – 9:00pm ***The Periodic Table – Required reading – Chapter 7
8 10/13	Quiz 4 / The Periodic Table – Required reading – Chap. 7 / Naming Inorganic Compounds – Required reading – Chap. 6 / Calculating Formula Weights – Required reading - Chapters 4 & 9
8 10/15	LAB: Qualitative Analysis & Chemical Formulas
9 10/20	Quiz 5/ The Mole / Percent composition / Empirical Formulas / Chemical Equations / Stoichiometry – Required reading – Chapters 4, 9, 10, and 11
9 10/22	LAB: Problem Solving Session I (Formula & Molecular Mass – Moles - % Composition)
10 10/27	Stoichiometry – Gas Laws - Required reading – Chapter 11 & Chapter
10 10/29	LAB: Problem Solving Session II – Equations & Stoichiometry & Gas Laws
11 11/03	Quiz 6 / The Gas Laws – Required reading – Chap. 12 Liquids and Solids – Required reading – Chap. 13
11 11/05	LAB: Stoichiometry (Mass-Mass) Acid/Base Reaction
12 11/10	** UNIT TEST 2 from 6:00pm – 7:50pm ** / Break 7:50pm – 8:00pm/ LECTURE: 8:00pm-9:00pm – Solutions – Required reading – Chap. 14
12 11/12	LAB: Solutions
13 11/17	Solutions/ Acids/Bases/Ionization/Electrolytes – Required reading – Chapter 16
13 11/19	LAB: Acids/Bases - Titration
14 11/24	Quiz 7 /Redox equations/ Chemical Equilibrium/ Organic Chemistry – Required reading – Chapters 15, 16, 17, 20
14 11/26	LAB: TURKEYDAY – NO CLASS
15 12/01	Quiz 8 / Organic Chemistry – Bio chemical process - Required reading – Chapters 20, 19
15 12/03	LAB: Organic / Bio - Chemistry

16	12/08	Quiz 9 / Organic / Bio-Chemical Processes / Hydrocarbons Chapters 19. 20
16	12/10	LAB: **** LAB PRACTICAL 2 **** 6:00pm – 7:00pm <i>Lecture – (7:50pm – 9:30pm) – Hydrocarbons – Required Reading – Chapter 19</i>
17	12/15	***** Unit – Test 3 *****
17	12/17	FINAL EXAM - 6:00pm – 9:00pm ROOM (TBA)
