

Chemistry 128 (01:160:128)
Chemistry of Life
Fall 2016

Professor Kuang Yu Chen

Textbook: *General, Organic, and Biochemistry* 9th Edition, by Denniston et al. McGraw-Hill

1	Sep 07	W	Introduction, Methods and Measurement (1.1-1.6)
2	Sep 12	M	Atom and Periodic Table (2.1-2.4)
3	Sep 14	W	Electron Configuration (2.5-2.7)
4	Sep 19	M	Chemical Bonding, Ionic and Covalent Compounds (3.1-3.3)
5	Sep 21	W	Lewis Structure and Chemical Properties (3.4-3.5)
6	Sep 26	M	Chemical Formula and Balancing Chemical Equation (4.1-4.4)
7	Sep 28	W	Examples of Chemical Equations and Calculation (4.5-4.9)
8	Oct 03	M	States of Matter, Gas State (5.1)
9	Oct 05	W	Liquid State and Solid State (5.2-5.3)
10	Oct 10	M	Solution and Concentrations (6.1-6.3)
11	Oct 12	W	Properties of Solutions (6.3-6.5)
12	Oct 17	M	Thermodynamics (7.1-7.2)
13	Oct 19	W	Kinetics and Equilibrium (7.3-7.4)
14	Oct 24	M	Mid-Term I (1-6)
15	Oct 26	W	Acid and Base (8.1-8.4)
16	Oct 31	M	Radioactivity (9.1-9.7)
17	Nov 02	W	Hydrocarbons (10.1-10.5)
18	Nov 07	M	Hydrocarbons (11.1-11.7)
19	Nov 09	W	Alcohols, Aldehydes and Ketones (12, 13)
20	Nov 14	M	Carboxylic Acids, Amines, and Amides (14,15)
21	Nov 16	W	Carbohydrates and Lipids (16, 17)
22	Nov 21	M	Proteins (18)
23	Nov 28	M	Mid-Term II (7-15)
24	Nov 30	W	Enzymes (19)
25	Dec 05	M	Molecular Genetics (20)
26	Dec 07	W	Carbohydrate Metabolism (21)
27	Dec 12	M	Respiration and Energy (22)
28	Dec 14	W	Fatty Acid Metabolism (23)

Final Exam (date to be announced)