

Lecture Schedule  
Chemistry 110  
Summer 2010

	Week of	Lecture topic	Chapter In Text	Chapter Sections To Read	Assigned Textbook Problems <sup>①</sup> (found at back of chapter)
UNIT 1	July 6 through July 12	Introduction Measurements	1	all	
			2	2.1—2.4	2: 5,7,17,31,35,43,47,55,59,63
		Dimensional Analysis	2	2.5—2.10	2: 67,71,73,81,83,87,89,95,97,107,111
		Matter & Energy	4	4.6	4: 43,53,59,61,63,65,69
			3	3.1—3.10	3: 31,33,35,37,39,61,63c
UNIT 2	July 13 through July 20	Atomic Structure Electronic Structure	4	4.1—4.5, 4.7—4.9	4: 7,17,35,37,45,55,75,79,83,87,89,93,105,113
			9	9.5—9.9	9: 47,51,55,57,59,63,71,75,91,95,101
		Chemical Bonding	10	10.1—10.5	10: 49,51
		Chemical Nomenclature	5	all	5: 7,33,35,41,45,47,49,51,55,57,61,65,67,69,73,75,91,93
		Chemical Formula Calculations	6	all	6: 11,19,25,27,29,37,45,49,57,61,65,69,73,79,83,95
UNIT 3	July 21 through July 27	Interparticle Forces	10	10.8	10: 79,83,85,87
			12	12.1, 12.6, 12.8	12: 63
		Solutions	7	7.5	7: 61,63
			13	13.1—13.7	13: 7,11,15,33,34,43,49,51,55,63,69,73,79,81,83,87,101,111,117,119
		Acids, Bases, Salts Electrolytes	14	14.1—14.5, 14.7, 14.8, 14.11	14: 19,21, 45,59,63,99,105,107
UNIT 4	July 28 Through August 3	Chemical Reactions	7	7.1—7.4, 7.6, 7.8—7.10	7: 3,5,7,39,47,51,53,67,89,91,93,97
			16	16.5	
		Equation Stoichiometry	13	13.8	13: 93,95
			8	all	8: 9,23,29,35,41,43,49,51,55,57,61,65
		Net Ionic Equations	14	14.6	14: 55,57
7	7.7		7: 73,75		
UNIT 5	August 4 through Aug 11	Gases	11	all	11: 29,55,59,63,67,73,79,87,93,97,109,117,121
		Liquids & Solids	12	12.1—12.5, 12.7	12: 43,51,53,57,61,89
		Energy & Changes of State	3	3.10—3.12	3: 71,75,81,89,91
	August 12	Exam 5			

<sup>①</sup> The assigned textbook problems will not be collected and graded. The answers to these questions are at the back of the text. It is your responsibility to work these problems; similar problems will be found on quizzes and exams.