

## CHE 105 Content

Spring 2008

<b>Chapter Title</b>	<b>Sections to be covered &amp; Homework</b>	<b>CD-ROM(ver. 3.0B) Screens</b>	<b>Other Resource</b>
Chapter 1: Living in a World of Chemistry	<b>Sections 1.1-1.4</b>	<b>Introduction: 1,2,3,11</b>	
Chapter 2: Chemical View of Matter	<b>Sections 2.1-2.6, 2.7(skip pp 34,35), 2.8</b> Questions: 2,3,4,7,9,10,12, 15, 16,19, 21, 22d, 23, 24, 25, 28, 29, 30	<b>1.1, 1.7,1.8,1.11-1.18</b>	Appendix A
Chapter 3: Modern View of the Atom	<b>Sections 3.1-3.5</b> skip pp.76-78 Questions: 1,2,10,11,13,15,19, 21,22, 23,24,25,27,29,38,39,44	<b>2.9,2.11-2.14,7.4,7.6,7.7, 7.9</b>	
Chapter 4: Periodic Table	<b>Sections 4.1-4.5 (skip pp 100,101)</b> Questions: 9,11,14, 15, 19, 21,23,25 29, 32, 33,35 37, 51, 53	<b>PT, 2.13, 8.9-8.11, 8.15,16</b>	
Chapter 6: Chemical Bonds	<b>Sections 6.1-6.3, 6.7, 6.8</b> Self-test 6A, 6B Questions: 1, 3, 5,6,11,15, 23, 24, 29, 43, 49	<b>3.2, 3.5, 3.7, 3.8, 3.10,3.11, 3.12</b>	
Chapter 8: Chemical Reactivity	<b>Sections 8.1, 8.2, 8.5</b> Self test 8A, 8C Questions: 1, 3, 5, 7, 11,15, 17-28, 37, 38, 39, 41 & problems 1,3,5(a,c),7,9,10	<b>4.1-4.4, 6.2, 6.5, 6.13, 20.2, 20.4, 20.9</b>	
Chapter 7: Physical and Chemical Changes	<b>Sections 7.1-7.6</b> Self-test 7A, 7B Questions: 1,2,3-5,8,10-14,16,17,19,29,30,32,33	<b>12.2,12.3, 12.9 (gases), 13.2 (phases),13.4to13.7,13.9,13.10, 4.5</b>	
Chapter 10: Oxidation-Reduction in Chemistry	<b>Sections 10.2,10.4, 10.6, 10.7(last p 299)</b> Questions: 1-4, 5, 7,8, 11-12,15, 19, 21, 25,27,29, 34-36	<b>21.2, 21.4, 21.7, 21.8 and 4.15-4.18)</b>	Hyperstudio stack
Chapter 9: Acids and Bases	<b>Sections 9.1(skip pp249-250),9.2, 9.3, 9.4, 9.5(learn p257 &amp; tables, p260), 9.7, 9,10</b> Matching set and Questions: 1-3, 5-6,	<b>5.10, 5.17,17.2-17.6, (titration)</b>	

	14-16, 19,21, 24-26, 28, 37-39, 41		
Chapter 12: Org. Chemistry & energy	<b>Sections 12.1-12.5, 12.6(last p360)Skip pp 342-343, 353, 359</b> Matching set and Questions: 1-4, 6-11, 13, 14, 16, 18(a), 19, 27-30, 46,47	<b>11.2, 11.3,11.5</b>	

Chapter Titles	Textbook Sections & Review Questions	CD-ROM Screens	Other Resources
Chapter 14: Organic Chemicals and Polymers	<b>Sections14.2(learn pp414,415), 14.3(p423), 14.5(learn pp427- 433,437-439), 14.7(learn pp446,447)</b> Questions: 1,3,4,5(a,f),7,13,21- 25,29-31,33(a,b,d),35,41-45,51(b,e)	<b>11.5,11.9, 11.10,11.11</b>	Hyperstu- dio stack
Chapter 13: Alternate Energy Sources	<b>Sections 13.3 (learn pp384-390) and 13.4(learn pp395-398)</b> Questions: 2(a-d), 5, 7-13,16-17,19- 21,23,27,33-36		