

Wk / Date	Chapter / Lecture Topic	Laboratory	Activity
1. 2/4	<i>Flex Day – no classes</i>	----	----
2/6	1. Matter and Measurement	----	----
2. 2/11	1. cont'd	1. Measurement and Density	Lab check-in
2/13	2. Atoms and the Periodic Table	----	Quiz 1 (Ch 1)
3. 2/18	<i>Holiday</i>	----	----
2/20	2. cont'd	----	----
4. 2/25	3. Ionic / Covalent Compounds	----	----
2/27	3. cont'd	2. Nomenclature exercise	Quiz 2 (Ch 2)
5. 3/4	4. Energy and Matter	----	----
3/6	<i>Flex day – no classes</i>	----	----
6. 3/11	5. Chemical Reactions	3. Lewis Structures	Quiz 3 (Ch 3)
3/13	5. cont'd	----	Quiz 4 (Ch. 4)
7. 3/18	5. cont'd / 6. Gases	4. Single Replacement Rxs	----
3/20	6. Gases	<b>Exam 1 (Ch 1-4)</b>	
8. 3/25	7. Solutions	5. Diffusion	Quiz 5 (Ch 5)
3/27	7. cont'd	----	
3/31 – 4/7	<i>Spring Break</i>	----	
9. 4/8	8. Acids and Bases	----	Quiz 6 (Ch 6)
4/10	10. Alkanes	<b>Exam 2 (Ch 5-6)</b>	
10. 4/15	10. cont'd	6. Titration Acids / Bases	Quiz 7 (Ch 7)
4/17	11. Alkenes	----	
11. 4/22	11. cont'd	7. Alkenes	Quiz 8 (Ch 8)
4/24	12. Organic Comps / O and S	<b>Exam 3 (Ch 7-8)</b>	
12. 4/29	12. cont'd	8. Alcohols	Quiz 9 (Ch11)
5/1	13. Carboxylic acids / esters / etc	----	----
13. 5/6	13. cont'd	9. Esters	Quiz 10(Ch12)
5/8	14. Carbohydrates	----	
14. 5/13	15. Lipids	----	Quiz 11(Ch13)
5/15	16. Amino Acids / Proteins etc.	11. Carbohydrates	----
15. 5/20	16. cont'd / Lab checkout	<b>Exam 4 (Ch 10-13)</b>	
5/22	17. Nucleic Acids	----	
16. 5/27	<i>Holiday</i>		
5/29	18. Energy and Metabolism		
17. 6/3	Review		
6/5	<b>----- Comprehensive Final Exam D333 -----</b>		

**IMPORTANT DATES TO REMEMBER**

Drop deadline with a refund of enrollment fees: ..... Feb 18

Last day to drop without a W:..... Feb 19

Last day to use a permission number:..... Feb 19

Last day to change their grading basis (pass / no pass)..... March 4

Last day to drop and receive a “W” mark:..... April 29

## Homework Problems

These problems are taken from the end-of-chapter problems (both Understanding Key Concepts, and Additional Problems) in your textbook, JG Smith, 1<sup>st</sup> Edition

Note: Only odd number problems are listed. The answers to these problems are provided at the end of the end-of-chapter problems so you can check your work. You must work and understand these problems to succeed in class. Problems you have difficulty with should be brought up during class.

CHAPTER	PROBLEM #
Chapter 1:	39, 43, 49, 57, 59, 61, 71, 73, 79, 89, 91, 95
Chapter 2:	33, 35, 37, 45, 49, 51, 59, 67, 71, 83, 87, 91
Chapter 3:	31, 33, 37, 39, 45, 49, 53, 57, 61, 69, 77, 81, 83, 85, 89, 91
Chapter 4:	31, 33, 39, 43, 45, 49, 53, 57, 63
Chapter 5:	43, 49, 53, 57, 59, 63, 65, 71, 75, 79, 81, 85, 87
Chapter 6:	39, 43, 45, 49, 53, 57, 65, 67, 69, 71, 75
Chapter 7:	27, 29, 33, 35, 39, 41, 51, 57, 61, 65, 75, 77, 79
Chapter 8:	31, 43, 45, 51, 59, 65, 67, 73, 77, 79, 81, 83, 85
Chapter 10:	27, 37, 41, 47, 53, 55, 57, 61, 71, 73, 75
Chapter 11:	33, 35, 37, 39, 41, 47, 51, 55, 59, 61, 63, 67, 71, 73
Chapter 12:	35, 37, 43, 45, 47, 49, 53, 57, 61, 63, 69, 71, 77, 81, 91, 95
Chapter 13:	49, 57, 61, 67, 75, 79, 83, 85, 89
Chapter 14:	25, 29, 33, 37, 39, 43, 49
Chapter 15:	33, 43, 47, 49, 51, 53, 59, 65
Chapter 16:	33, 37, 43, 45, 49, 53, 57, 65
Chapter 17:	23, 25, 31, 35, 37, 39, 45, 51, 53
Chapter 18:	29, 31, 33, 37, 45, 51, 57, 59, 67, 71, 77, 79, 85, 89