

## MAT 111 G1 Fall 2009

DATE	CHAPTER	TOPIC	ASSINGMENT/Homework DUE the next class meeting
9/3	Intro to Course	Introduction/Worksheet	Homework on Handout <i>Review syllabus, buy the textbook &amp; calculator. Visit my website (link is in the syllabus).</i>
9/4	1.1	Function & Function Notation	<b>pg. 6-10 #5, 9, 11, 19, 23, 30, 33, 34</b>
9/9	1.2	Rate of Change	<b>pg. 15-17 #1, 3, 7, 11, 15, 17, 21, 23</b>
9/10	1.3	Linear Functions	<b>pg. 24-27 #1, 3, 5, 7, 9, 11, 13, 15, 23(a,b,e,f), 27</b>
9/11	1.4	Formulas for Linear Functions	<b>pg. 32-35 #5, 9, 11, 17, 19, 23, 25, 27, 29, 31, 37(a,b,c), 40, 41, 42</b>
9/16	1.5	Geometric Properties of Linear Functions	<b>pg. 41-44 #1, 3, 5, 7, 9, 10, 12, 17, 25, 31, 33</b>
9/17	1.6	Fitting Linear Functions to Data	<b>pg. 48-49 #1, 3, 5, 7(a,b)</b>
9/18	2.1	Input and Output	<b>pg. 66-68 #3, 5, 9, 10, 11, 15, 17, 19, 23, 25, 27, 29, 31, 33, 35</b>
9/23	2.2	Domain and Range	<b>pg. 72-73 #5-14, 15, 16, 17, 19, 21, 24, 27, 29, 31</b>
9/24	2.3	Piecewise Defined Functions	<b>pg. 76-78 #1, 3, 5, 7, 9, 11, 15</b>
9/25	2.4	Composite and Inverse Functions	<b>pg. 82-84 #5, 6, 7, 9, 12, 13, 15, 19, 20, 21, 23, 31, 35, 37</b>
9/30	2.5	Concavity	<b>pg. 86-88 #1-8, 9, 10, 19</b>
10/1	2.6	Quadratic Functions	<b>pg. 92-93 #1, 3, 9, 13, 15, 17, 19, 27, 31</b>
	<b>Wed. 10/7</b>	<b>TEST 1</b>	<b>Chapters 1 &amp; 2</b>
10/2	3.1	Introduction to the Family of Exponential Functions	<b>pg. 112-114 #1, 3, 7, 11, 12, 13, 14, 15, 16, 19, 23, 25, 27, 29, 40, 41, 42, 43</b>

Read the Chapter Notes for the section(s) and review the EXAMPLE's in the textbook **before** class and then again before you try the homework set. After you complete each odd homework exercise assigned above, compare your answer with the answer in the back of the textbook. Be ready to **ask** and **answer** questions on the homework exercises. If you arrive to class early, write the problems you had trouble with on the board or **do** any problems that may be on the board. **Attending class, arriving on time, doing the homework and asking questions is THE KEY to success in this course!!!!**