

MAT 111 G1 Fall 2009 – Chapters 5 & 6 *Schedule and Homework*

DATE	CHAPTER	TOPIC	ASSINGMENT/Homework from the TEXTBOOK DUE the next class meeting.
11/4	5.1	Vertical and Horizontal Shifts	pg. 200-202 #1, 3, 5, 12, 13, 18, 20, 21, 26, 27, 29, 33, 35, 37, 42
11/5	5.2	Reflections and Symmetry	pg. 209-210 #1, 3, 5, 6, 7, 10, 11, 13, 15, 17, 19, 20, 21, 22, 27, 29
11/6	5.3	Vertical Stretches and Compressions	pg. 216-218 #4, 8, 9, 11, 13, 14, 15, 18, 27, 35
11/12	5.4	Horizontal Stretches and Compressions	pg. 223-224 #1, 3, 4, 7, 11, 14, 15, 16, 17
11/13	5.5	The Family of Quadratic Functions	pg. 231-232 #1, 3, 5, 7, 9, 10, 11, 13, 15, 16, 17, 19, 21, 23, 25, 27, 31
11/18	6.1	Introduction to Periodic Functions	pg. 247-250 #7, 9, 13, 17, 19, 21, 23
11/19	6.2	The Sine and Cosine Functions	pg. 255-257 #1a-d, 5, 9, 11, 12, 13, 15, 19, 20, 21, 23, 27, 29, 33
11/20	6.3	Radians	pg. 261-263 #1 - 14, 17, 19, 21, 24, 25, 26, 27, 29, 31, 33, 39
11/25	6.4	Graphs of the Sine and Cosine	pg. 267-269 #1, 3, 5, 7, 13, 15, 17, 23, 25
12/2	6.5	Sinusoidal Functions	pg. 275-278 #1, 3, 5, 9, 11, 12, 13, 15, 17, 19, 25, 35, 41
12/3	6.7	Inverse Trigonometric Functions	pg. 292-294 #1 - 14 all, 15, 17, 25, 26, 27, 29, 31, 33, 35, 37, 39, 41, 51, 55
	Wed. 12/9	TEST 3	<i>Chapters 5 & 6</i>

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!!!!***