

MATH 107 COURSE SCHEDULE SPRING 2007 **revised** (Minor adjustments may be made during the semester.)

**THE HOMEWORK ALWAYS INCLUDES READING THE SECTIONS OF THE TEXT WHICH WERE COVERED IN CLASS THAT WEEK.** It wouldn't hurt to read ahead a little bit, also.

In the text, a challenging question is indicated by a blue circle-shaped background to the question number.

<b>Date</b>	<b>Chapter</b>	<b>Topics</b>	<b>Practice Exercises</b> <i>EOO = Every Other Odd, e.g. 1, 5, 9, ...</i>
31 Jan	R.1	real numbers & properties	odd 1-7, odd 15-35, 37, 41, 45, 51, odd 63-73
	R.2	order & absolute value	1, 3, 5, 9, 11, 15, 17, odd 21-33
7 Feb	R.3	polynomials	odd 1-41, 45, 49, 51, odd 63-71
	R.4	factoring polynomials	EOO 1-29, 37, odd 45-51, 63
21 Feb	R.5	rational expressions	EOO 1-21, odd 25-31, odd 37-53, 71
28 Feb	<i>Hwk R.1 – R.4</i>	<i>is due tonight.</i>	
	R.6	rational exponents	odd 1-11, EOO 17-33, odd 37-45, EOO 49-69
	R.7	radical expressions	EOO 1-45, odd 57-63, 67, 71, 73
7 Mar	1.1	linear equations	EOO 1-49, 59, 61, 63, 67, 69
	1.2	linear applications	EOO 1-17, 19, 27, 35, 37, 41, 43, 45, 51
14 Mar	<i>Hwk R.5 – R.7</i>		
	1.4	quadratic equations	EOO 1-29, 43, EOO 45-57, 63, 65
	1.5	quadratic applications	odd 1-7, 11, 15, 17, odd 21-31
28 Mar	<i>Hwk 1.1 – 1.2</i>	<i>is due tonight. You may send it</i>	<i>via email by Sunday midnight, prior to the test.</i>
	<b>Test 1</b>	<b>on sections R.1 – 1.2</b>	
	1.6	other types of equations	1, 5, 9, 11, odd 15-21, odd 27-33, EOO 49-61, 63, 65
4 Apr	1.7	inequalities	odd 1-11, EOO 13-33, 35, 37
	2.1	graphs of equations	EOO 1-17, odd 21-25, EOO 31-43
11 Apr	2.2	functions	EOO 5-21, 23, odd 27-37, odd 41-53, 57, 69, 79, 81
	2.3	linear functions	1, 3, 5, EOO 9-21, 25, 27, EOO 33-57
18 Apr	<i>Hwk 1.4 – 1.7</i>	<i>is due tonight. You may send it</i>	<i>via email by Sunday midnight, prior to the test.</i>
	<b>Test 2</b>	<b>on sections 1.4 – 2.1 plus</b>	
	2.4	equations of lines; curve fitting	odd 5-17, odd 29-33, odd 35-41 (slope-intercept form only), 45, 51
	2.5	graphs of basic functions	odd 1-5, 7, 8, 9, 11, 14, 16, odd 17-25, 37, 43
25 Apr	<i>Hwk 2.1 – 2.3</i>	<i>is due tonight.</i>	
	2.7	function operations; composition	odd 1-11, 15, 17, 23, 27, odd 41-47, odd 57-61, odd 79-83
	3.1	quadratic functions and models	1, 3, 9, 11, 13, odd 17-25, 27, 29, odd 41-49, 53, 57
2 May	<i>Hwk 2.4 – 2.5</i>	<i>is due tonight. You may send it</i>	<i>via email by Sunday midnight, prior to the test.</i>
	<b>Test 3</b>	<b>on sections 2.2 – 2.5 plus</b>	
	3.4	polynomial functions	odd 1-7, odd 21-27, odd 31-41, 61
	3.5	rational functions	1, 3, 5, odd 29-35, odd 37-45 vertical & horizontal asymptotes only, odd 51-59, 60, 83
9 May	<i>Hwk 2.7 – 3.1</i>	<i>is due tonight.</i>	
	4.2	exponential functions	odd 1-19, 25, 29, odd 43-53, odd 63-69
	4.5	exponential/logarithmic equations	odd 5-21, 65, 71, 73
	4.6	exponential growth/decay	odd 1-9, odd 19-23
16 May	<i>Hwk 3.4 – 3.5</i>	<i>is due tonight. You may send it</i>	<i>via email by Sunday midnight, prior to the test.</i>
	<i>Hwk 4.2 – 4.6</i>	<i>is due tonight. You may send it</i>	<i>via email by Sunday midnight, prior to the test.</i>
	<b>Final</b>	<b>on sections 2.7 – 4.6 plus</b>	