

## Tentative Course Schedule Math 1090-001 (Fall 2005)

Day	Month	Date	Text Ref	Description
1	W	Aug 24	0.1 - 0.3	Real numbers, exponents and radicals.
2	F	Aug 26	0.4 - 0.5	Operations with algebraic expressions. Factoring.
3	M	Aug 29	0.6 - 0.7	Fractions. Solving linear, fractional, radical equations.
4	W	Aug 31	0.8	Solving quadratic equations
5	F	Sept 2	1.1	(HW1: 0.1-0.8) Word Problems.
	M	Sept 5		<b>Labor Day Holiday</b>
6	W	Sept 7	1.2	Linear inequalities
7	F	Sept 9	1.3	(HW1 due) (HW2: 1.1 - 1.4) Applications of linear inequalities.
8	M	Sept 12	1.4	Absolute values
9	W	Sept 14	2.1	Functions
10	F	Sept 16	2.2	(HW2 due) Special functions
11	M	Sept 19	2.3	Combinations of functions
12	W	Sept 21	2.4	Inverse functions
13	F	Sept 23		(HW2 returned) (HW3: 2.1 - 2.4) Review for Test 1
14	M	Sept 26		<b>Test 1: 0.1 - 1.4</b>
15	W	Sept 28	2.5	Graphing in the Cartesian plane
16	F	Sept 30	2.7	(HW3 due) (HW4: 2.4, 2.5 & 2.7) Translations and reflections
17	M	Oct 3	3.1	Lines in the Cartesian plane
18	W	Oct 5	3.2	(HW5: 3.1 - 3.2) Linear functions and applications
	F	Oct 7		<b>Fall Break (Oct. 6 - 7)</b>
19	M	Oct 10	3.3	(HW4 due) Quadratic functions
20	W	Oct 12	3.4	Systems of linear equations
21	F	Oct 14	4.1	(HW5 due) (HW6: 3.3 - 3.4) Exponential functions
22	M	Oct 17	4.2	Logarithmic functions
23	W	Oct 19	4.3	More on logarithmic functions
24	F	Oct 21	4.4	(HW6 due) (HW7: 4.1 - 4.4) Logarithmic and exponential equations
25	M	Oct 24	5.1	Compound interest
26	W	Oct 26	5.2	(HW7: 4.1 - 4.4) Present value
27	F	Oct 28		(HW6 returned) Review for Test 2
28	M	Oct 31		<b>Test 2: 2.1 - 3.4</b>
29	W	Nov 2	5.3	Annuities
30	F	Nov 4	5.4	(HW7 due) (HW8: 5.1 - 5.4) Amortization
31	M	Nov 7	6.1	Matrices (definitions)
32	W	Nov 9	6.2	Matrix addition and scalar multiplication
33	F	Nov 11	6.3	(HW8 due) (HW9: 6.1 - 6.3) Matrix multiplication
34	M	Nov 14	6.4	Solving systems of linear equations in matrix notation
35	W	Nov 16	6.5	Solving systems of linear equations in matrix notation (cont'd)
36	F	Nov 18	6.6	(HW9 due) (HW10: 6.4 - 6.6) Matrix inverses
37	M	Nov 21	7.1	Linear inequalities in two variables
38	W	Nov 23	7.2	(HW11: 7.1 - 7.2) Linear programming
	F	Nov 25		<b>Thanksgiving Break (Nov 24 -- 25)</b>
39	M	Nov 28	7.2	(HW10 due) Linear programming (cont'd)
40	W	Nov 30		
41	F	Dec 2		(HW11 due) Review for Test 3
42	M	Dec 5		<b>Test 3: 4.1 - 6.6</b>
43	W	Dec 7		<b>Review for final exam. Classes end.</b>
	F	Dec 9		<b>Reading Day</b>
	W	Dec 14		<b>Final Examination. 3:30 p.m. -- 5:30 p.m.</b>