COLLEGE ALGEBRA
FALL 2009 ~ MATH 1111 M

Instructor Marvalisa M. Payne

Disclaimer: This schedule is at all times tentative. Any changes announced in class (as to dates of exams, etc.) supersede this document. You are responsible for being aware of changes. Changes will be made in blue

LECTURE			SECTION	TOPIC	HOMEWORK ASSIGNMENT
1	M	8/17	R 2	Algebra Review	1–4,6–10,23,27,29,39,43,47,49,51 & 73-117
2	W	8/19	R 4	Polynomials / Factoring Polynomials	1 – 87 odd
3	F	8/21	R 5	Factoring Polynomials	1 – 125 odd
4	M	8/24	R 6	Polynomial Division – (Long & Syn.)	1 – 41 odd
5	W	8/26	R 7	Rational Expressions	1 – 91 odd
6	F	8/28	R 8	N^{th} roots and Rational Exps.	1 – 73 odd
7	W	8/31	R 8 / Review	**Chapter Review**	**1 - 88**
9	M	9/2	1.1	Linear Equations & Applications	1 – 97 odd
8	**F**	**9/4**	**TEST 1 REVIEW CHAPTER**		
	M	**9/7**	**LABOR DAY**		
10	W	9/9	1.2	Quadratic Equations & Applications	1 – 105 odd
11	F	9/11	1.3	Quadractic Equations in the Complex sys.	1 – 31 odd ; 47 – 77 odd
12	M	9/14	1.4	Radical Eqs.; Eqs. in Quadratic Form	1 – 91 odd
13	W	9/16	1.5	Solving Inequalities	1 – 83 odd
14	F	9/18	1.6	Eqs.& inequalities involving Abs. Value	1 – 25 odd and 31 – 43 odd
15	M	9/21	1.7	Applications	1 – 24; 39, 44,47
16	W	9/23	1.7/Review	**Chapter Review**	**1 – 100**
17	**F**	**9/25**	**TEST 2 CHAPTER 1**		
18	M	9/28	1.7 / 2.1 / 2.2	Application Rectangular Coordinates / Intercepts	25 – 30; 33, 41 – 43, 45, 46, 49 1 – 45 odd / 1, 2, 3,15a – 21a odd; 33 – 47odd
19	W	9/30	2.3	Circles	1 – 47 odd
20	F	10/2	2.4	Lines	1 – 81 odd
21	M	10/5	2.5	Parallel and Perpendicular Lines	1 – 33 odd
22	W	10/7	2.7	Variation	1 – 35 odd
23	F	10/9	3.1	Functions & Operations	1 – 69 odd, 73,75, 79
24	**M**	**10/12**		**MIDTERM**	**WITHDRAWL W/O FAILING DEALINE**
			3.2 / 3.4	Graphs of Functions/Library of Funcs.	1 – 27 odd / 9 - 16; **17 – 26; 29 – 38**
25	W	10/14	3.4**/ Review**	**Ch. 2: 1 – 6, 9 – 16a, 17- 41, 46 – 50; Ch. 3: 1 – 24, 25 a – e; 26 a – e, 63 – 64**	
26	**F**	**10/16**	**TEST 3 CH. 2 SECS. 2.1 – 2.4, 2.5 & 2.7; CH. 3 SECS. 3.1 – 3.2, 3.4**		
27	M	10/19	4.1	Quadratic Functions and Models	1 – 17 odd, 35 – 65 off, and 69 – 81 odd
28	W	10/21	4.5	Polynomial & Rational Inequalities	1 – 13 odd and 31 –43 odd
29	F	10/23	4.6	Remainder and Factor Theorems	1 – 19 odd, 105
30	M	10/26	5.1	Function Composition	1 – 43 odd, 63
31	W	10/28	5.2	One-to-One, Inverse Function	1 – 43 odd, 47 – 59 odd, 71 and 72
32	F	10/30	5.3	Exponential Functions	1 – 19 odd, 29 – 35; **53 – 65 odd**, 75, 77, & 79
33	M	11/2	5.4	Logarithmic Functions	1 – 55 odd, 57 – 60; **91 – 111 odd**
34	W	11/4	5.4 **/Review**	**CH. 4: 7 – 22; 41 – 44; 57 – 66; 67 – 72; Ch. 5: 1 - 38**	
35	**F**	**11/6**	**TEST 4 CH. 4 SECS. 4.1, 4.5 – 4.6; CH 5 SECS. 5.2 – 5.4**		
36	M	11/9	5.5	Properties of Logarithms	1 – 21 odd and 31 – 71 odd
37	W	11/11	5.6	Logarithmic and Exponential Equations	**1 – 33 odd; review: 5.3: 53 – 65; 5.4 91 - 111**
38	F	11/13	5.7	Compound Interest	1 – 37 odd
39	M	11/16	7.1	Systems of Linear Equations	1 – 59 odd
40	W	11/18			
41	F	11/20	7.7	System of Inequalities	1 – 15 odd, 23 – 27 odd and 35 -45 odd
42	**M**	**11/23**	**TEST 5 Ch. 5 – SECS. 5.5 – 5.7, 7.1, 7.7, and 7.8**		
	11/25 –11/27		**THANKSGIVING**		
43	M	11/30	7.8	Linear Programming	1 – 25 odd
44	W	12/2	**Review For Final**		
FINAL EXAM: Thursday December 10th / 3:30 – 5:30 pm/Location To Be Announced.					