

**COLLEGE ALGEBRA**  
**FALL 2009 ~ MATH 1111 - D**

**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	T	8/18	R 2	Algebra Review	1-4, 6-10,23,27,29,39,43,47,49,51, 73-117
2	R	8/20	R 4 / R5	Polynomials / Factoring Polynomials	1 – 87 odd / 1 – 125 odd
3	T	8/25	R6 / R7	Polynomial Division – (Long & Syn.) / Rational Expressions	1 – 41 odd / 1 – 91 Odd
4	R	8/27	R7 / R8	Rational Expressions / N <sup>th</sup> roots and Rational Exps.	1 – 91 odd / 1 – 73 odd
5	T	9/1	R 8/Review	<b>Chapter R Review</b>	<b>1 – 88</b>
<b>6</b>	<b>R</b>	<b>9/3</b>	<b>TEST 1 - CHAPTER REVIEW</b>		
	<b>M</b>	<b>9/7</b>	<b>LABOR DAY</b>		
7	R	9/10	1.1 / 1.2	Linear Equations & Applications	1 – 97 odd
				Quadratic Equations & Applications	1 – 105 odd
8	T	9/15	1.3 / 1.4	Quadratic Eqs. in the Complex Sys./ Radical Eqs.; Eqs. in Quadratic Form	1 – 31 odd ; 47 – 77 odd/ 1 – 91 odd
9	R	9/17	1.5/ 1.6	Solving Inequalities/ Eqs.& inequalities involving Abs. Value	1 – 83 odd 1 – 25 odd and 31 – 43 odd
10	T	9/22	1.7/Review	Applications/ <b>Chapter 1 Review</b>	1 – 25, 39, 44, 47/ <b>1 -100</b>
<b>11</b>	<b>R</b>	<b>9/24</b>	<b>TEST 2 - CHAPTER 1</b>		
12	T	9/29	1.7 / 2.1 / 2.2	Applications Rectangular Coordinates / intercepts	25 – 30; 41 – 43, 45. 46, 49 1 – 45odd /1, 2, 3,15a – 21a odd; 33 – 47od
13	R	10/1	2.3 / 2.4	Circles / Lines	1 – 47 odd / 1 -81 odd
14	T	10/6	2.4 / 2.5	Lines / Parallel and Perpendicular Lines	1 -81 odd / 1 – 33 odd
15	<b>R</b>	<b>10/8</b>	<b>MIDTERM</b>		
					<b>WITHDRAWL W/O FAILING DEADLINE</b>
			2.7 / 3.1	Variation / Functions & Operations	1 – 33 odd / 1 – 69 odd, 73, 75, 79
16	T	10/13	3.2 / 3.4	Graphs of Functions / Library of Functions	1 – 27 odd / 9 – 16
<b>17</b>	<b>R</b>	<b>10/15</b>	<b>TEST 3: CH. 2 Review: 1 – 6, 9A – 16A, 17- 41, 46 – 50;Ch. 3 Review: 1 – 24, 25 a – e; 26 a – e, 63 – 64</b>		
18	T	10/20	4.1	Quadratic Functions and Models	1 – 17 odd, 35 – 65 odd, and 69 – 81 odd
19	R	10/22	4.5 / 4.6	Polynomial & Rational Inequalities / Remainder and Factor Theorems	1 – 13 odd and 31 –43 odd / 1 –19 odd,105
20	T	10/27	5.1 / 5.2	Function Composition / One-to-One, Inverse Function	1 – 43 odd, 63 / 1 – 43 odd, 47 – 59 odd, 71, and 72
21	R	10/29	5.3 / 5.4	Exponential Functions / Logarithmic Functions	1 – 19 odd, 29 – 35, 53 – 65 odd 75, 77, & 79 / 1 – 55 odd, 57 – 60; 91 -111 odd
22	T	11/3	5.4 /Review	<b>Ch. 4: 7 – 22; 41 – 44; 57 – 66; 67 – 72; Ch. 5: 1 – 38</b>	
<b>23</b>	<b>R</b>	<b>11/5</b>	<b>TEST 4 - Ch.4 Sects. 4.1, 4.5, 4.6; Ch. 5 Sects. 5.2 – 5.4</b>		
24	T	11/10	5.5 / 5.6	Properties of Logarithms / Logarithmic and Exponential Eqs.	1 – 21 odd and 31 – 71 odd / 1 – 33 odd; review: 5.3: 35 – 65; 5.4: 91 –111
25	R	11/12	5.7	Compound Interest	1 – 37 odd
26	T	11/17	7.1	Systems of Linear Equations	1 – 59 odd
27	R	11/19	7.7	System of Inequalities	1 – 15 odd, 23 – 27 odd and 35 – 45 odd
<b>28</b>	<b>T</b>	<b>11/24</b>	<b>TEST 5 - CH. 5 Sects. 5.5 – 5.7; CH. 7 7.1 – 7.7</b>		
		<b>11/25-11/27</b>	<b>THANKSGIVING</b>		
29	T	12/1	7.8	Linear Programming	1 – 25 odd
30	R	12/3	Review	Review For Final	
<b>FINAL EXAM: Thursday December 10<sup>th</sup> 3:30 – 5:30 pm/ Location: TBA</b>					