College Algebra Tentative Schedule - Mrs. Allee **Fall, 2008**

Week	Section	Topic	Notes
25-Aug		Introductions	
	1.1	Introduction to Graphing	
	1.2	Functions and Graphs	29th is the last day to add a class
1-Sep	1.3	Linear Functions, Slope and Applications	Monday, Sept 1 is a Holiday!
	1.4	Equations of Lines and Modeling	
8-Sep	1.5	Linear Equations, Functions, Zeros, and Applications	
	1.6	Solving Linear Inequalities	
15-Sep		**Test 1: 1.1 - 1.6**	
	2.1	Increasing, Decreasing, and Piecewise Functions; Applications	
	2.2	The Algebra of Functions	
22-Sep	2.3	The Composition of Functions	
	2.4	Symmetry and Transformations	
	3.1	The Complex Numbers	
29-Sep	3.2	Quadratic Equations, Functions, Zeros and Models	
	3.3	Analyzing Graphs of Quadratic Functions	
	3.4	Solving Rational Equations and Radical Equations	
6-Oct	3.4	Solving Rational Equations and Radical Equations	
	3.5	Solving Equations and Inequalities with Absolute Value	
13-Oct		**Test Two: 2.1 - 3.5**	
	4.1	Polynomial Functions and Modeling	Midsemester grade report period
	4.2	Graphing Polynomial Functions	
20-Oct	4.3	Polynomial Division; The Remainder and Factor Theorems	20th is last day to change to audit
	4.4	Theorems about Zeros of Polynomial Functions	Registration for spring begins
27-Oct	4.5	Rational Functions	31st is the deadline to apply to graduate
	4.6	Polynomial and Rational Inequalities	
		Test Three: 4.1 - 4.6	
3-Nov	5.1	Inverse Functions	7th is last day to withdraw from a class
	5.2	Exponential Functions and Graphs	
	5.3	Logarithmic Functions and Graphs	
10-Nov	5.4	Properties of Logarithmic Functions	
	5.5	Solving Exponential & Logarithmic Equations	
	5.6	Applications and Models: Growth & Decay	
17-Nov	5.6	Applications and Models: Growth & Decay	
		Test Four (5.1 - 5.6)	
	6.1	Systems of Equations in Two Variables	
24-Nov		Fall Break	
1-Dec	6.2	Systems of Equations in Three Variables	
	6.3	Matrices and Systems of Equations	
	6.4	Matrix operations	
8-Dec	6.5	Inverses of Matrices	
		Chapter Summary	