

Section	Topic	Week	Start	End
Orientation: Obtain Access and Begin Work				
1.1	Functions	1	8/22	8/28
1.2	The Graph of a Function			
1.3	Properties of Functions			
1.4	Library of Basic Functions	2	8/29	9/4
1.5	Graphing Techniques, Graphing by Transformations			
Labor Day - 9/5				
1.6	Mathematical Models: Constructing Functions	3	9/5	9/11
1.7	Variation			
Test 1 Deadline 9/12 - Available 9/8				
2.1	Properties of Linear Functions	4	9/12	9/18
2.3	Quadratic Functions and their Zeros			
2.4	Properties of Quadratic Functions	5	9/19	9/25
2.5	Inequalities Involving Quadratic Functions			
2.6	Quadratic Models			
2.7, 2.8	Complex Zeros of a Quadratic Function, Absolute Value Equations and Inequalities	6	9/26	10/2
Test 2 Deadline 9/30 - Available 9/28				
Turn in Writing Project #1 and #2 when you take your test!!!				
3.1	Polynomial Functions and Models	7	10/3	10/9
3.2	Properties of Rational Functions			
3.3	The Graph of a Rational Function; Inverse and Joint Variation			
3.4	Polynomial and Rational Inequalities	8	10/10	10/16
3.5	The Real Zeros of a Polynomial Function*			
3.6	Complex Zeros; The Fundamental Theorem of Algebra			
Test 3 Deadline 10/19 - Available 10/17				
4.1	Composite Functions	9	10/17	10/23
4.2	One-to-One Functions; Inverse Functions			
4.3	Exponential Functions	10	10/24	10/30
4.4	Logarithmic Functions			
4.5	Properties of Logarithms	11	10/31	11/6
4.6	Logarithmic and Exponential Equations			
7.1	Sequences, Geometric Sequences			
7.3	Geometric Series	12	11/7	11/13
4.7	Compound Interest			
Test 4 Deadline 11/11 - Available 11/9				
6.1	Systems of Linear Equations: Substitution and Elimination	13	11/14	11/20
6.2	Systems of Linear Equations: Matrices			
6.4	Matrix Algebra			
6.7	Systems of Inequalities			
8.2	Permutations and Combinations	14	11/21	11/27
7.5	Binomial Theorem			
Thanksgiving 11/23 - 11/25				
8.2	Permutations and Combinations	15	11/28	12/4
8.3	Probability			
Final Test Deadline 12/7 Turn in Writing Project #4 when you take your test.		16	12/5	12/9