

Section	Topic	Week	Start	End
Orientation: Obtain Access and Begin Work				
1.1	Functions	1	1/17	1/20
1.2	The Graph of a Function			
1.3	Properties of Functions			
1.4	Library of Basic Functions	2	1/23	1/27
1.5	Graphing Techniques, Graphing by Transformations			
1.6	Mathematical Models: Constructing Functions			
1.7	Variation	3	1/30	2/3
Test 1 Open 2/1 - 2/3 (Tuesday - Thursday) Check Testing Center Hours and Locations!!!				
2.1	Properties of Linear Functions	4	2/6	2/10
2.3	Quadratic Functions and their Zeros			
2.4	Properties of Quadratic Functions			
2.5	Inequalities Involving Quadratic Functions			
2.6	Quadratic Models	5	2/13	2/17
2.7, 2.8	Complex Zeros of a Quadratic Function, Absolute Value Equations and Inequalities			
Test 2 Open 2/21 - 2/23 (Tuesday - Thursday) Turn in Writing Project #1 and #2 when you take your test!!!		6	2/20	2/24
3.1	Polynomial Functions and Models	7	2/27	
3.2	Properties of Rational Functions			
3.3	The Graph of a Rational Function; Inverse and Joint Variation	8	3/5	3/2
3.4	Polynomial and Rational Inequalities			
Spring Break - No Classes! (Extra Time for Chapter 3 and Writing Project)			3/12	3/16
3.5	The Real Zeros of a Polynomial Function*	9	3/19	3/23
3.6	Complex Zeros; The Fundamental Theorem of Algebra			
Test 3 Open 3/20 - 3/22 Tuesday - Thursday) Turn in Writing Project #3 when you take your test.				
4.1	Composite Functions	10	3/26	3/30
4.2	One-to-One Functions; Inverse Functions			
4.3	Exponential Functions			
4.4	Logarithmic Functions			
4.5	Properties of Logarithms	11	4/2	4/6
4.6	Logarithmic and Exponential Equations			
7.1	Sequences, Geometric Sequences			
7.3	Geometric Series	12	4/9	4/13
4.7	Compound Interest			
Test 4 Open 4/20 - 4/22 (Monday - Wednesday)				
6.1	Systems of Linear Equations: Substitution and Elimination	13	4/16	4/20
6.2	Systems of Linear Equations: Matrices			
6.4	Matrix Algebra			
6.7	Systems of Inequalities	14	1/7	4/27
8.2	Permutations and Combinations			
7.5	Binomial Theorem			
8.2	Permutations and Combinations	15	1/14	5/4
8.3	Probability			
Final Test Open 5/8 - 5/9			1/21	5/10