

Course Schedule: Below is a week-by-week breakdown of course coverage. Schedule is subject to change with email notice given if that were to happen. *Remember: Check your email daily!!*

Week	Dates	Coverage
1	January 12 – 16	<i>Course Intro (via email)</i> Algebra Basics 3.3 - Complex Numbers 3.4 - Solving Quadratic Equations by Factoring 3.5 - Solving Quadratic Equations by Using the Square Root Property 3.6 - Solving Quadratic Equations by Using the Quadratic Formula 4.3 - Rational Equations 4.6 - Radical Equations
2	January 19 – 23	<i>King Day</i> 5.3 - Functions and Relations 5.4 - Linear Equations in Two Variables and Linear Functions 5.5 - Applications of Linear Equations and Modeling
3	January 26 – 30	<i>Exam #1 (Section 3.3 through Section 5.5)</i> 6.1 - Transformations of Graphs 6.2 - Piecewise-Defined Functions 6.3 - Average Rate of Change, Difference Quotient, and Function Behavior
4	February 2 – 6	6.4 – Algebra of Functions and Function Composition 7.1 – Quadratic Functions and Applications 7.2 - Introduction to Polynomial Functions 7.3 - Division of Polynomials and the Remainder and Factor Theorems 7.4 - Zeros of Polynomials 7.5 - Polynomial Inequalities
5	February 9 – 13	<i>Exam #2 (Section 6.1 through Section 7.5)</i> 8.1 - Introduction to Rational Functions 8.2 - Graphs of Rational Functions 9.1 - Inverse Functions
6	February 16 – 20	9.2 - Exponential Functions 9.3 - Logarithmic Functions 9.4 - Properties of Logarithms 9.5 - Exponential Equations and Applications 9.6 - Logarithmic Equations 9.7 - Modeling with Exponential and Logarithmic Functions
7	February 23 – 27	10.6 - Inequalities and Systems of Inequalities in Two Variables 11.1 - Solving Systems of Linear Equations Using Matrices <i>Exam #3 (Section 8.1 through Section 11.1)</i>
8	March 2 – 6	<i>Final Exam – taken by Thursday, March 5</i>

Last Update: January 7, 2026

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