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 happens. *Remember: Check your email daily!!*

Week	Dates	Coverage
1	October 13 - 17	Course Intro (via email)
		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	October 20 - 24	5.3 - Functions and Relations
		5.4 - Linear Equations in Two Variables and Linear Functions
		5.5 - Applications of Linear Equations and Modeling
		Exam #1 (Section 3.3 through Section 5.5)
3	October 27 - 31	6.1 - Transformations of Graphs
		6.2 - Piecewise-Defined Functions
		6.3 - Average Rate of Change, Difference Quotient, and Function Behavior
		6.4 – Algebra of Functions and Function Composition
4	November 3 – 7	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	November 10 – 14	Exam #2 (Section 6.1 through Section 7.5)
		8.1 - Introduction to Rational Functions
		8.2 - Graphs of Rational Functions
		9.1 - Inverse Functions
6	November 17 – 21	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
	November 24 – 28	Thanksgiving Break
7	December 1 - 5	10.6 - Inequalities and Systems of Inequalities in Two Variables
		11.1 - Solving Systems of Linear Equations Using Matrices
		Exam #3 (Section 8.1 through Section 11.1)
8	December 8 – 12	Final Exam – taken by Thursday, December 11

Last Update: October 6, 2025