

Methods of Instruction: Instruction will take place through lectures (via MS Teams for Live Streaming), readings and assigned problems. *Exams will be given during normal class time.*

Course Schedule: Below is a week-by-week breakdown of course coverage. Schedule is subject to change and email notice will be given, if that were to happen.

Week	Dates	Coverage
1	Aug 23 & 25	<i>Course Intro</i> 2.2 - Functions and Graphs 2.3 - Finding Domain and Range
2	Aug 30 & Sept 1	2.4 - The Algebra of Functions 2.5 - Linear Functions: Graphs and Slope 2.6 - More on Graphing Linear Equations
3	Sep 6 & 8	<i>Labor Day</i> 2.7 - Finding Equations of Lines; Applications
4	Sept 13 & 15	3.7 - Systems of Inequalities and Linear Programming <i>Exam #1 (Chapter 2 and Section 3.7)</i>
5	Sept 20 & 22	5.4 - Complex Rational Expressions 5.5 - Solving Rational Equations 6.1 - Radical Expressions and Functions
6	Sept 27 & 29	6.6 - Solving Radical Equations 6.8 - Increasing, Decreasing, and Piecewise Functions; Applications 7.2 - Transformations
7	Oct 4 & 6	<i>Exam #2 (Chapters 5 & 6 and Section 7.2)</i> 7.3 - The Complex Numbers
8	Oct 11 & 13	7.4 - Quadratic Equations, Functions, Zeros, and Models 7.5 - Analyzing Graphs of Quadratic Functions 8.1 - Polynomial Functions and Models
9	Oct 18 & 20	<i>Fall Break</i> 8.2 - Graphing Polynomial Functions
10	Oct 25 & 27	8.3 - Polynomial Division; The Remainder Theorem and the Factor Theorem 8.4 - Theorems about Zeros of Polynomial Functions
11	Nov 1 & 3	8.5 - Rational Functions 8.6 - Polynomial Inequalities and Rational Inequalities
12	Nov 8 & 10	<i>Exam #3 (Sect 7.3–7.5 & Chap 8)</i> 9.1 - The Composition of Functions 9.2 - Inverse Functions
13	Nov 15 & 17	9.3 - Exponential Functions and Graphs 9.4 - Logarithmic Functions and Graphs 9.5 - Properties of Logarithmic Functions
14	Nov 22 & 24	9.6 - Solving Exponential Equations and Logarithmic Equations <i>Thanksgiving Break</i>
15	Nov 29 & Dec 1	9.7 - Applications and Models: Growth and Decay; Compound Interest 10.1 - Matrices and Systems of Equations <i>Exam #4 (Chap 9 and Sect 10.1)</i>
16	Dec 6 & 8	<i>Catch up</i> <i>Review for Final Exam</i>
	Dec 13 & 15 Finals Week	Final Exam will be given on Monday, December 13, 12:30 – 2:30, for the 12:00 class on Wednesday, December 15, 1:30 – 3:30, for the 1:30 class