

– week by week schedule –

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

Week	Dates	Coverage
1	Jan 13 – 17	R.3 Exponential Notation and Order of operations R.4 Introduction to Algebraic Expressions R.7 Properties of Exponents and Scientific Notation 1.1 Solving Equations 1.3 Applications and Problem Solving 1.4 Sets, Inequalities, and Interval Notation
2	Jan 20 – 24	<i>Martin Luther King Jr Day</i> 2.1 Graphs of Equations 2.2 Functions and Graphs 2.3 Finding Domain and Range 2.5 Linear Functions: Graphs and Slope 2.6 More on Graphing Linear Equations 2.7 Finding Equations of Lines; Applications
3	Jan 27 – 31	3.3 Solving by Elimination 3.7 Systems of Inequalities and Linear Programming 4.1 Introduction to Polynomials and Polynomial Functions 4.3 Intro to Factoring 4.4 Factoring Trinomials: $x^2 + bx + c$ 4.5 Factoring Trinomials: $ax^2 + bx + c$, $a \neq 1$
4	Feb 3 – 7	<i>Exam #1 (Sections 1.1 – 4.5)</i> 4.6 Special Factoring 4.7 Factoring: A General Strategy
5	Feb 10 – 14	4.8 Applications of Polynomial Equations and Functions 5.1 Rational Expressions and Functions: Multiplying, Dividing, and Simplifying 5.5 Solving Rational Equations 5.6 Applications and Proportions 6.1 Radical Expressions and Functions 6.2 Rational Numbers as Exponents 6.3 Simplifying Radical Expressions
6	Feb 17 – 21	6.4 Addition, Subtraction, and More Multiplication 6.5 More on Division of Radical Expressions 6.6 Solving Radical Equations 6.7 Applications Involving Powers and Roots 6.8 Increasing, Decreasing and Piecewise Functions 7.3 The Complex Numbers 7.4 Quadratic Equations, Functions, Zeros, and Models
7	Feb 24 – 28	7.5 Analyzing Graphs of Quadratic Functions <i>Exam #2 (Sections 4.6 – 7.5)</i>
8	Mar 3 – 7 Finals Week	<i>Final Exam – taken by Thursday, March 6, at the Testing Center</i>