

Week #	Lesson / Tentative Assignment
Week 1	R.3 Exponential Notation & the Order of Operations R.7 Properties of Exponents & Scientific Notation 1.1 Solving Equations 1.2 Formulas & Applications
Week 2	1.3 Applications & Problem Solving 1.4 Sets, inequalities, & Interval Notation 1.5 Intersections, Unions, & Compound Inequalities 1.6 Absolute-Value Equations & Inequalities TEST Exam Ch. R & 1
Week 3	2.1 Graphs of Equations 2.2 Functions & Graphs 2.3 Finding Domain & Range 2.4 The Algebra of Functions
Week 4	2.5 Linear Functions: Graphs & Slope 2.6 More on Graphing Linear Equations 2.7 Finding Equations of Lines TEST Ch. 2
Week 5	4.1 Intro to Polynomials & Polynomial Functions 4.2 Multiplying Polynomials 4.3 Intro Factoring polynomials
Week 6	4.4 & 4.5 Factoring Trinomials 4.6 Factoring Special Trinomials TEST Ch. 4
Week 7	5.4 Complex Rational Expressions 5.5 Solving Rational Equations 6.1 Radical Expressions & Functions 6.2 Rational Numbers as Exponents
Week 8	6.5 Division of Radical Expressions 6.6 Solving Radical Equations 6.8 Increasing, Decreasing, & Piecewise Functions TEST Ch. 5 & 6
Week 9	7.3 The Complex Numbers 7.4 Quadratic Equations, Functions, Zeros, & Models 7.5 Analyzing Quadratic Functions
Week 10	8.1 Polynomial Functions & Models 8.2 Graphing polynomial Functions 8.3 Polynomial Division; Remainder Theorem; Factor Theorem
Week 11	8.4 Zeros of Polynomial Functions 8.5 Rational Polynomial Functions TEST Ch. 7 & 8
Week 12	9.1 Composite Functions 9.2 Inverse Functions 9.3 Exponential Functions & Their Graphs 9.4 Logarithmic Functions & Graphs
Week 13	9.5 Properties of Logarithmic Functions 9.6 Solving Exponential & Logarithmic Equations 9.7 Applications: Growth & Decay; Compound Interest TEST TEST Ch. 9

Week 14	3.2 Solving by Substitution 3.3 Solving by Elimination 3.5 Systems of Equations in 3 Variables Calculator Methods SEMESTER REVIEW
Week 15	Final Exam to be Announced.
	The Instructor reserves the right to change and/or modify the syllabus according to the needs of the class as it progresses through the semester.