

**Pre-Test Part 1, Part 2 and Introduction** (1 wk)

Introduction - The introduction explains the curriculum.

**01 Beginning Algebra** (1 wk)

Order of Operations NOTES03 CW03 CWA03 HW03 HWA03

Simplifying Algebraic Equations NOTES04 CW04 CWA04 HW04 HWA04

Review 01 CW05 CWA05 HW05 HWA05

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**02 Equations and Inequalities** (2 wks)

Multi-Step Equations NOTES06 CW06 CWA06 HW06 HWA06

Word Problems NOTES07 CW07 CWA07 HW07 HWA07

Compound Inequalities NOTES08 CW08 CWA08 HW08 HWA08

Absolute Value Equations NOTES09 CW09 CWA09 HW09 HWA09

Review 02 CW10 CWA10 HW10 HWA10

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**03 Linear Functions** (2 wks)

Graphing and Writing Linear Equations NOTES11 CW11 CWA11 HW11 HWA11

Writing Linear Equations NOTES12 CW12 CWA12 HW12 HWA12

Graphing Linear Inequalities NOTES13 CW13 CWA13 HW13 HWA13

Graphing Absolute Value Equations NOTES14 CW14 CWA14 HW14 HWA14

Review 03 CW15 CWA15 HW15 HWA15

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**04 System of Equations and Inequalities** (3 wks)

Graphing Graphing System of Linear Inequalities NOTES16 CW16 CWA16 HW16 HWA16

Solving Systems by Graphing NOTES17 CW17 CWA17 HW17 HWA17

Solving Systems by Elimination NOTES18 CW18 CWA18 HW18 HWA18

Solving Systems by Substitution NOTES19 CW19 CWA19 HW19 HWA19

Review 04 CW20 CWA20 HW20 HWA20

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**05 Complex Numbers** (2 wks)

Operations NOTES21 CW21 CWA21 HW21 HWA21

Operations CW22 CWA22 HW22 HWA22

Rationalizing Denominators NOTES23 CW23 CWA23 HW23 HWA23

Review 05 CW24 CWA24 HW24 HWA24

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**06 Quadratic Functions and Inequalities** (3 wks)

Graphing and Factoring NOTES25G NOTES25F CW25 CWA25 HW25 HWA25

Factoring NOTES26 CW26 CWA26 HW26 HWA26

Solving by Taking the Square Root and by Factoring (zeros) NOTES27 CW27 CWA27 HW27 HWA27

Completing the Square NOTES28 CW28 CWA28 HW28 HWA28

Quadratic Formula and the Discriminant NOTES29 CW29 CWA29 HW29 HWA29

Review 06 CW30 CWA30 HW30 HWA30

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**SEMESTER 1 EXAM** (1 wk)

Review HW32 - Semester Exam Review Packet and HWA32 - Answers

Semester Exam

**07 Polynomial Functions (4 wks)**

Naming, Adding and Subtracting NOTES34 CW34 CWA34 HW34 HWA34  
Multiplying and Special Cases NOTES35 CW35 CWA35 HW35 HWA35  
Binomial Theorem NOTES36 CW36 CWA36 HW36 HWA36  
Dividing NOTES37 CW37 CWA37 HW37 HWA37  
Factoring by Grouping NOTES38 CW38 CWA38 HW38 HWA38  
Factoring by Cubes (sum & difference) NOTES39 CW39 CWA39 HW39 HWA39  
Factoring Quadratic Form NOTES40 CW40 CWA40 HW40 HWA40  
Factoring all Techniques CW41 CWA41 HW41 HWA41  
Review 07 HW42 HWA42  
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**08 General Functions (1 wk)**

Evaluating and Operations NOTES43 CW43 CWA43 HW43 HWA43  
Inverses NOTES44 CW44 CWA44 HW44 HWA44  
Review 08 CW45 CWA45 HW45 HWA45  
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**09 Radical Functions and Rational Exponents (3 wks)**

Simplifying Radicals NOTES46 CW46 CWA46 HW46 HWA46  
Add, Subtract, Multiply & Divide Radicals NOTES47 CW47 CWA47 HW47 HWA47  
Evaluating Radical Expressions NOTES48 CW48 CWA48 HW48 HWA48  
Properties of Exponents NOTES49 CW49 CWA49 HW49 HWA49  
Radical and Exponent Equations NOTES50 CW50 CWA50 HW50 HWA50  
Domain and Range of Radical Expressions NOTES51 CW51 CWA51 HW51 HWA51  
Review 09 Review52 Review Answers52  
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**10 Rational Expressions (2 wks)**

Graphing and Simplifying NOTES53 CW53 CWA53 HW53 HWA53  
Multiplying and Dividing NOTES54 CW54 CWA54 HW54 HWA54  
Adding and Subtracting NOTES55 CW55 CWA55 HW55 HWA55  
Complex Fractions and Equations NOTES56 CW56 CWA56 HW56 HWA56  
Review 10 Review57 Review Answers57  
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**11 Exponential and Logarithmic Expressions (3 wks)**

Graphing Exponential Functions, Exponents and Logarithms NOTES58 CW58 CWA58 HW58 HWA58  
Evaluating Logarithms NOTES59 CW59 CWA59 HW59 HWA59  
Properties of Logarithms NOTES60 CW60 CWA60 HW60 HWA60  
Solving Exponential Equations with Logarithms NOTES61 CW61 CWA61 HW61 HWA61  
Solving Simple Logarithmic Equations NOTES62 CW62 CWA62 HW62 HWA62  
Review 11 Review63 Review Answers63  
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**12 Trigonometry (3 wks)**

Radian, Degree, Arc Length and Sector Area NOTES64 CW64 CWA64 HW64 HWA64  
Trigonometric Ratios NOTES65 CW65 CWA65 HW65 HWA65  
Trig Angle Measures, Sides and angles NOTES66 CW66 CWA66 HW66 HWA66  
Of Any Angle NOTES67 CW67 CWA67 HW67 HWA67  
Simple Trig Functions NOTES68 CW68 CWA68 HW68 HWA68  
Graphing NOTES69 CW69 CWA69 HW69 HWA69  
Review 12 Review70 Review Answers70  
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**FINAL EXAMS (2 wks)**

Review HW71 - Semester 2 Review and HWA71 - Answers  
Final Exam Review Part 1: HW72 and HWA72 Part 1  
Part 2: HW73 and HWA73 Part 2