**Algebraic College Readiness Calendar**

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| **Week** | **Topic** |
| Week 1 | **1st or 2nd day of class** - **STUDENT SUCCESS LESSON: 1.1 B &C****Building a Learning Community**SyllabusSolving Linear Equations and Inequalities in One VariableCompound Inequalities in One Variable |
| Week 2 | **Monday - STUDENT SUCCESS LESSON: 1.4E Preparing for an Exam**Absolute Value Equations and InequalitiesIntroduction to Functions**TEST 1** |
| Week 3 | **When graded exam is returned - STUDENT SUCCESS LESSON: Learning from the Exam**Introduction to Linear Equations in Two VariablesSlope of a LineSlope-Intercept FormGraphing a Line |
| Week 4 | **Monday - STUDENT SUCCESS LESSON: 1.2D Seeking Help**Writing the Equation of a LineLinear Inequalities in Two Variables**TEST 2** |
| Week 5 | **Monday - STUDENT SUCCESS LESSON: 1.3E Self-Regulation**The Greatest Common Factor and Factoring by GroupingFactoring TrinomialsSpecial Factoring  |
| Week 6 | **Monday - STUDENT SUCCESS LESSON: Writing Principles**Solving Quadratic Equations by FactoringApplication of Quadratic EquationsSimplifying, Multiplying, and Dividing Rational Expressions and Functions |
| Week 7 | Adding and Subtracting Rational Expressions Simplifying Complex Fractions |
| Week 8 | Solving Rational EquationsApplications of Rational Equations |
| Week 9 | **TEST 3**Radical Expressions Rational Exponents |
| Week 10 | Simplifying Expressions Containing Square RootsSimplifying Expressions Containing Higher Roots |
| Week 11 | Adding, Subtracting, Multiplying, Dividing Radicals |
| Week 12 | Solving Radical EquationsComplex Numbers**TEST 4**  |
| Week 13 | The Square Root Property and Completing the SquareThe Quadratic FormulaEquations in Quadratic Form |
| Week 14 | Formulas and ApplicationsQuadratic Functions and their GraphsApplications of Quadratic Functions |
| Week 15 | **TEST 5**Review for Final Exam |
| Week 16 | **Comprehensive Final Exam** |

\*The sequence of the material must be followed. The course can extend longer than 16 weeks, but must be completed before the December holidays.