**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**  Syllabus  Solving Linear Equations and Inequalities in One Variable  Compound Inequalities in One Variable |
| Week 2 | **Monday - STUDENT SUCCESS LESSON: 1.4E Preparing for an Exam**  Absolute Value Equations and Inequalities  Introduction to Functions  **TEST 1** |
| Week 3 | **When graded exam is returned - STUDENT SUCCESS LESSON: Learning from the Exam**  Introduction to Linear Equations in Two Variables  Slope of a Line  Slope-Intercept Form  Graphing a Line |
| Week 4 | **Monday - STUDENT SUCCESS LESSON: 1.2D Seeking Help**  Writing the Equation of a Line  Linear Inequalities in Two Variables  **TEST 2** |
| Week 5 | **Monday - STUDENT SUCCESS LESSON: 1.3E Self-Regulation**  The Greatest Common Factor and Factoring by Grouping  Factoring Trinomials  Special Factoring |
| Week 6 | **Monday - STUDENT SUCCESS LESSON: Writing Principles**  Solving Quadratic Equations by Factoring  Application of Quadratic Equations  Simplifying, Multiplying, and Dividing Rational Expressions and Functions |
| Week 7 | Adding and Subtracting Rational Expressions  Simplifying Complex Fractions |
| Week 8 | Solving Rational Equations  Applications of Rational Equations |
| Week 9 | **TEST 3**  Radical Expressions  Rational Exponents |
| Week 10 | Simplifying Expressions Containing Square Roots  Simplifying Expressions Containing Higher Roots |
| Week 11 | Adding, Subtracting, Multiplying, Dividing Radicals |
| Week 12 | Solving Radical Equations  Complex Numbers  **TEST 4** |
| Week 13 | The Square Root Property and Completing the Square  The Quadratic Formula  Equations in Quadratic Form |
| Week 14 | Formulas and Applications  Quadratic Functions and their Graphs  Applications 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.