

Algebra I Course Syllabus

Course Title: Algebra I

Course #: 3102

Course Description: This class is designed to cover the major concepts of Algebra and prepare students for Geometry and Algebra II. Students will build on concepts learned in pre-Algebra and master new concepts.

Teacher Introductions:

Sam Harper

Contact Information:

email: sam.harper@tcsedu.net

Rule for the Course:

1. Follow # policy in class (desk, calculator, phone and chromebook)
2. Be organized and prepared
3. Respectfully ask for help when you need it
4. Take responsibility for your own grade
5. Do your work

**All High School 101 Expectations apply in the classroom and hallways*

Assessment Types: Our tests will be given over the course of 2 days. You must be present BOTH days to take advantage of the scoring system. One the first day, students will be given their test and complete it. The second day we will address common mistakes during class, and students will be given back their tests with mistakes highlighted. Students may correct highlighted mistakes on a separate sheet of paper for full credit. The grade taken the second day will be recorded in the gradebook.

Grading Scale and Policy:

I use a percent grading system, meaning that assignments are always out of 100%.

Tests and Quizzes: 100%

Standardized Testing Preparation: This course is designed to prepare students for the Algebra I TN Ready End of Course test for Tennessee. Students will take this test in April (date TBD).

Materials: Students will need their Algebra binder, spiral notebook and a pencil everyday. Students should contact an instructor if they have any difficulties accessing these resources. Textbooks will be assigned but may be left at home or in lockers.

Attendance Policy: Students are allowed 3 days to complete work when they are ABSENT. I will not accept late work.

Bathroom Policy: Students will not be allowed to exit class unless there is an emergency. Any medical conditions should be reported to the nurse and/or teacher prior to class.

COURSE AGENDA AND DIRECTION:

Changes can be made at any time at the discretion of Ms. Tirpak

Quarter 1

Evaluating Expressions
Integer Operations
Fraction Busters
Proportions
Two-Step Equation
Simplifying Expressions
Multi-Step Equations
Translating Expressions
Single Variable Word Problem
Inequalities

Quarter 2

Finding Slope
Slope-Intercept Lines
Point-Slope Lines
Point-Point Lines
Point Test
Parallel Lines
Perpendicular Lines
Graphing Lines
Functions
Systems of Equations
Inequality Intersections
Linear Word Problems

Quarter 3

Rules of Exponents
Scientific Notation
Descending Order
Polynomial Ops
Polynomial Multiplication
Polynomial Factors
Solving Polynomials
Completing the Square
Quadratic Formula

Quarter 4

Simplifying Radicals
Radical Expressions
Adding/Subtracting Rationals
Multiplying/Dividing Rationals