

MIDLAND VALLEY HIGH SCHOOL  
2023 -2024 SREB/ Algebra 1  
Ms. Florabel D. Baruc  
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Course Objective

Algebra 1 uses variables to generalize and extend the laws of arithmetic. In this course, the student will acquire facility in applying algebraic concepts and skills to real world problems.

Course Description

This course is the basis for all further study of college preparatory mathematics. A student enrolling in this course should have mastery of the fundamental concepts and operations of arithmetic and a basic understanding of linear relationships. Course topics include the study of the real number system, linear equations and inequalities, polynomials and factoring, graphing and modeling of functions and relations, quadratic and exponential relationships, as well as irrational numbers and descriptive statistics. This course is based on the SCCR -M standards for Algebra 1.

All Algebra 1 student must take the end of course exam. This accounts for 20% of the course grade.

Textbook

Kendall Hunt High School Mathematics: Algebra 1 Illustrative Mathematics

Req8(s)112 79 1

### Academic Integrity

Students are expected to make choices that reflect integrity and responsible behavior while taking this course. This means students are to refrain from all forms of academic dishonesty, including cheating, lying, bribery, and plagiarism. This also includes all electronic forms of dishonesty including, but not limited to, photomath and mathpapa. Expectations of academic integrity extend to all assignments, both individual and group, including homework, classwork, activities, projects, quizzes, tests, and exams.

### Late Work

Late work is detrimental to the progression of the learning process. The expectation is that students will complete all assignments as directed and that assignments will be submitted on time. Reasonable deadlines will be assigned and announced in class. Failure to submit work by the expressed deadline will result in a grade of ZERO.

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