

# Edison Academics Syllabus

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## Syllabus: Algebra 2 course description

Students will: learn linear, quadratic, and exponential functions including polynomial, rational, and radical functions, quadratic equations over the set of complex numbers and exponential equations using logarithms.

The students will review operations with real numbers, properties of equalities, algebraic expression, relations and functions, rate of change and slope of linear equations. Students will graph parent functions and their transformations in the coordinate plane. Polynomial operations will be comprehensively studied, along with analyzing graphs and solving polynomial equations. Other functions will be explored including inverse and square root functions. Relationships for real-world situations will be represented.

## Grading

- 30% Participation: attendance, on-task in class, discussion, notes, and questions, and respectful, mindful of Academic Expectations outlined below.
- 30% Homework
- 40% Test, Quiz, Exam Projects

## Academic Expectations

Students will attend class regularly.

Students will come to class prepared with their tools: pens, pencils, calculators, books, paper.

Students will stay on-task during class giving 100% effort.

Students will do homework assignments on time and prepare for tests.

Students will return all textbooks at the completion of the course.

## Absence Responsibility Policy

- Student responsibility for excused absence: inform teacher and the Administrative office of the reason for the absence and the length of time for the absence.
- Students with 9 unexcused absences in a semester will be in danger of failing course.

## Electronic Devices Policy

- Students will have cell phones off during class, no ear buds, no headphones.
- Students will have tablets and laptops out only when required for class work by teacher.
- Students may re-charge devices at teacher-approved locations in classroom.