

Tokyo International Progressive School

Grade 11 Algebra 2 Course Outline

2023-2024

Kurtis Tomlinson, Room 25

DESCRIPTION OF COURSE

Algebra 2 is a course designed to build and expand on the concepts and tools learned in earlier algebra courses to evaluate and graph functions and equations with two or more variables, differentiate between expressions, equations, inequalities, and absolute values. Students will use the quadratic formula to solve quadratic equations and functions, solve radical functions, and work with matrices.

Topics include functions, equations, graphs, inequalities, trigonometric ratios, and polynomials. The title of the textbook used for this course is *Algebra 2*.

STUDENT EXPECTATIONS

Students need to bring **pencils, a ruler, an eraser, a scientific calculator, and a notebook** to class.

At the beginning of the school year, you will be issued a textbook. If this textbook is not returned in usable condition by the required date, your family will be asked to pay for a replacement.

Quizzes will be given at the end of every week. Projects will be due before each progress test.

Any projects that are late, without having made arrangements with the teacher at least one week prior, will receive a zero in their project mark. The mark will be changed upon submission of the assignment.

No food is allowed in the classroom. Students are permitted to bring closed containers of water to the classroom.

EARNING YOUR GRADE

Your grade will be determined by your work in these categories:

Grade Category	Percentage of your grade
Quiz	20%
Daily Work	30%
Project	30%
Test	20%

The grading scale for this course will be:

Letter grade	Mark range
A+	98-100
A	93-97
B+	90-92
B	85-89
C+	82-84
C	77-81
D+	74-76
D	70-73
F	69 or below

IMPORTANT DATES

Dates are subject to change.

Assessment	Date
Chapter 1 progress test - Tools of Algebra	September 1
Chapter 2 progress test - Functions and Graphs	September 22
Chapter 3 progress test - Linear Systems	October 6
Chapter 4 progress test - Matrices	October 27
Chapter 5 progress test - Quadratics	November 8
Chapter 6 progress test - Polynomials	November 24
Chapter 7 progress test - Radicals	December 14
Chapter 8 progress test - Exponents and Logarithms	January 26
Chapter 9 progress test - Rational Functions	February 16
Chapter 10 progress test - Conics	March 7
Chapter 11 progress test - Sequences and Series	April 5
Chapter 12 progress test - Probability	April 26
Chapter 13 progress test - Trigonometric Functions	May 17
Chapter 14 progress test - Trigonometric Identities	June 7