Tokyo International Progressive School
Grade 11 Algebra 2 Course Outline
2022-2023
Jason Wan, 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 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.

Work that is submitted late will be penalized 2% per workday.

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

To encourage learning from one's mistakes, students have the opportunity to fix mistakes on tests. For each corrected mistake, students may earn half a point.

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 2
Chapter 2 progress test – Functions and Graphs	September 21
Chapter 3 progress test – Linear Systems	October 7
Chapter 4 progress test – Matrices	October 28
Chapter 5 progress test – Quadratics	November 9
Chapter 6 progress test – Polynomials	November 25
Chapter 7 progress test – Radicals	December 15
Chapter 8 progress test – Exponents and Logarithms	January 27
Chapter 9 progress test – Rational Functions	February 17
Chapter 10 progress test – Conics	March 10
Chapter 11 progress test – Sequences and Series	March 30
Chapter 12 progress test – Probability	April 14
Chapter 13 progress test – Trigonometric Functions	May 12
Chapter 14 progress test – Trigonometric Identities	June 9