International Student Math Course Completion Checklist

Bishop Guilfoyle Catholic High School tries to place our international students into the right Math course to the best of our ability. In order to do so, please complete this form and submit it together with transcripts as part of the application. International students will also take a Math placement test when arriving at the school.

Math Course	school year/grade in which this course was completed (If not completed, please leave it blank.)
Pre-Algebra	
Algebra I	
Algebra II	
Geometry	
Trigonometry	
Other Math Course	(please list the name of the Math course and the school year/grade in which this course was completed.)

For your reference, below are the main concepts that should be covered in each Algebra course.

Prerequisites for Pre-Algebra

Operations with integers; Order of Operations; Basic algebraic equations (inverse operations); All operations of fractions; Knowledge of place value; Strong estimation and rounding skills

Prerequisites for Algebra I

Operations with integers; Solve equations and inequalities having one-step and multi-step with whole numbers, integers, and fractions; Find square roots; Operations with fractions; Solve proportions, use ratios and percentages; Operations with polynomials; Area and perimeter of triangles, parallelogram (rectangles & squares) and trapezoids; Area and circumference of a circle; Pythagorean Theorem

Prerequisites for Algebra II

Add, subtract, multiply, and divide rational numbers; Evaluate exponents and square roots; Order of Operations; Solve one-step and multi-step equations with variables on both sides; Solve rates, ratios, & proportions; Convert fractions, decimals and percentages; Solve, one-step, multi-step, and variables on both sides of inequalities; Graph solutions of inequalities; Compound inequalities; Evaluate functions; Graph equations from slope-intercept form, find slope, and x- and y-intercepts; Write equations of a line, including parallel and perpendicular lines; Solve systems of equations; Graph linear inequalities; Evaluate properties of exponents; Perform operations with polynomials; Factor trinomials; Simplify radicals, perform operations with radicals, and rationalize radicals.