

MATHEMATICS DEPARTMENT

Available Courses

Pre-Algebra	Informal Geometry	AP Calculus
Algebra I	Formal Geometry	AP Statistics
Algebra II	Formal Geometry-H	Transitional Math
Algebra I Honors	Pre-Calculus	Dual-Credit Stats/Math 111
Intermediate Algebra II	Pre-Calculus-H	
Algebra II-H		

Freshman will either enroll in Pre-Algebra, Algebra I, or Algebra I Honors. In the event the incoming freshman has taken Algebra I Honors as an 8th grader, he will likely enroll in Formal Geometry Honors. Placement will be based on standardized test scores and grades earned in eighth grade.

State universities require and many other colleges and universities recommend that students entering college must have successfully completed Algebra I, Geometry, and Algebra II. Graduation requirements for IVC high school are 3 years of math credit for all graduates. Informal Geometry fulfills the graduation requirement, but does not meet college preparation standards.

All math students should have a scientific calculator. Algebra II, Pre-Calculus, and AP Calculus students should have a graphing calculator.

The following sequences of math are recommended:

(Non-College or Community College Prep)

Sequence 1 9th grade Pre-Algebra or Algebra I
 10th grade Informal Geometry or Algebra I
 11th grade Intermediate Algebra II or Informal Geometry
 12th grade Transitional Math or Intermediate Algebra II

(College Prep)

Sequence 2 9th grade Algebra I
 10th grade Formal Geometry
 11th grade Algebra II
 12th grade Pre-Calculus, Transitional Math, or DC Statistics/Math 111

(College prep math or engineering major)

Sequence 3 9th grade Algebra I Honors
 10th grade Formal Geometry H & Algebra II H
 11th grade Pre-Calculus
 12th grade AP Calculus & AP Statistics