

# Mathematics Department

## Course Sequences

The Mathematics Department is in the second year of a five-year phase-in of a new program. Courses marked in **RED** are part of the **NEW** program. Courses in **BLACK** are in the **OLD** program. Under the new program all students start algebra in the seventh or eighth grade and move up through one of the four sequences indicated below. On the lower half of the page is a chart indicating what each sequence will look like when the new program is totally in place.

### 2007-2008 Course Sequence

Grade	Accelerated	Honors	College Prep 1	College Prep 2
9 <sup>th</sup>	Honors Algebra II	Honors Geometry	Geometry	Algebra I B
10 <sup>th</sup>	Honors Algebra II	Honors Algebra II	Geometry	Algebra I B
11 <sup>th</sup>	Math Analysis	Honors Algebra II	Algebra II	Geometry
12 <sup>th</sup>	AP Calculus or Discrete Math	Math Analysis or Discrete Math	Algebra III/Trig	Algebra II

Students who wish to move up to the Honors Sequence or students in the Honors Sequence who wish to move up to the Accelerated Sequence need to meet with the department chair prior to May 1st to determine their eligibility and to discuss acceptable summer coursework.

### 2010-2011 Course Sequence

Grade	Accelerated	Honors	College Prep 1	College Prep 2
9 <sup>th</sup>	Honors Algebra II	Honors Geometry	Geometry	Algebra I B
10 <sup>th</sup>	Math Analysis (Hon)	Honors Algebra II	Algebra II	Geometry
11 <sup>th</sup>	Hon Prob and Stat (1/2) Intro to Calculus (1/2)	Math Analysis (Hon)	Algebra III (1/2) Prob and Stat (1/2)	Algebra II
12 <sup>th</sup>	AP Calculus BC OR AP Statistics OR Discrete Math (1/2)	Hon Prob and Stat (1/2) Intro to Calculus (1/2) OR AP Statistics OR Discrete Math (1/2)	Trigonometry (1/2) Adv Functions (1/2)	Algebra III (1/2) Prob and Stat (1/2)

Note that under the new program all students will be required to complete coursework in sequential order through Probability and Statistics (honors or regular) *and* through at least the Junior year. In addition, College Prep 1 students are required to complete Trigonometry.