

# MATHEMATICS COURSE SEQUENCE DIAGRAM

## Pre-Algebra

(does not satisfy HS math requirement)  
[integers, ratio/proportions, measurement]



## Algebra 1

[graphing, multiple-step equations, factoring, radicals]



## Geometry\*

[logic and reasoning, angles, triangles, similarity, perimeter/area/volume, circles, transformations]



## Hon. Algebra 2\*

[functions, quadratics, conics, logarithms]



## Precalculus

[functions, analytic geometry, trigonometry]



## AP Calculus AB

[rate of change, derivatives, integration, functions, differential equations]



## AP Calculus BC

[adv. integration, Taylor and Maclaurin Series, conics, parametric equations, vectors, matrices, mathematical proof]



## Algebra 2

[functions, quadratics, conics, logarithms]



## Math Elective

See the list below



\* With approval, these courses may be taken concurrently.

### Non-Sequential Math Electives:

The following course may be taken after successful completion of Algebra 2 or Honors Algebra 2

AP Statistics  
Computer Science (CTE) †  
AP Comp. Science (CTE)  
Applied Math (CTE)  
Accounting (CTE)

† This course is not offered in 2017 – 2018 school year