

Three PreCalculus courses at HHS:

PreCalculus with Trigonometry (regular)

PreCalculus with Trigonometry Dual
Enrollment (DE)

PreCalculus with Trigonometry Honors

PreCalculus with Trigonometry (regular) topics	Polynomials Rationals Exponentials Logarithms Unit Circle Graphing Trig Functions Trig Identities Solving Trig Equations Inverse Trig Functions Applications of Trigonometry Limits
PreCalculus with Trigonometry Dual Enrollment (DE) topics	All of the above PLUS: Sequences and Series Polar Functions Conics Partial Fractions Parametric Equations
PreCalculus with Trigonometry Honors topics	All of the above PLUS: Vectors Derivatives

All three courses also:

- > Combine all previous math skills and knowledge,
- > Require lots of formulas and rules to memorize,
- > Have cumulative tests, and
- > Include a large portion of non-calculator work.

PreCalc with Trig (regular)	PreCalc with Trig DE	PreCalc with Trig Honors
<ul style="list-style-type: none"> ● Students coming out of Algebra 2 with a B or better, who have a desire to continue their math studies ● Students coming out of Algebra 2 Honors with C- or below ● Rising Juniors who ultimately desire to take AP Calculus AB, Applied Calculus or AP Statistics ● Students coming out of Trig/Discrete from the previous year should review solving, factoring, graphing, and other Algebra skills prior to starting PreCalc. 	<ul style="list-style-type: none"> ● Students who are prepared for college-level expectations, such as no test retakes and no 50% grading floor ● Especially good for rising seniors or juniors that did well in regular or honors Algebra 2, enjoy math, are ready for the rigor of college math course, and are not interested in math/science majors/careers ● Rising Juniors who ultimately desire to take AP Statistics, AP Calculus AB, or Applied Calculus 	<ul style="list-style-type: none"> ● Students who are good in math and want a challenge to prepare them for college level math courses ● Students coming out of Algebra 2 Honors with a C or better (and took Geometry Honors) ● Students with good work habits and attendance who desire ultimate placement in AP Calculus AB or BC

PreCalc Dual Enrollment (DE):

- Receive high school AND college credit from NOVA
- Requires a Northern Virginia Community College placement exam, which has calculator and non-calculator parts, or alternative placement criteria as designated by NOVA
- Extra 1.0 added to GPA
- Follows college expectations: no retakes, no 50% grading floor
- Best for non-math/science majors

Your choices after Algebra 2:

AP Stat

Trig/Discrete

PreCalc with Trig Honors

AP Computer Science

Computer Science

PreCalc with Trig

Prob/Stat

PreCalc with Trig DE

What's the difference?

What's the best
one for

YOU