

What is Calculus?

Calculus is the culmination of the required math classes you have taken in high school (algebra 1, geometry, algebra 2, pre-calculus) and requires good attendance and strong work habits. Calculus is the study of finding and using the properties of derivatives and integrals. It has applications in physics, engineering, chemistry, economics, statistics, business, biology and medicine. If you have taken pre-calculus, the next logical course is calculus. Why would you take a Pre-ANYTHING and then stop? So, the question should be - Which calculus is for me?

Applied Calculus

- This is NOT an AP course
- This IS still CALCULUS
- Covers the basic concepts
 - Limits
 - Derivatives
 - Integration
 - Applications
 - Uses mostly polynomials

Who should take this?

- Students who like math but might not need Calculus.
- Already have too many AP classes
- Interested in Business
- Interested in Bio/Pre-Med
- C or higher in Pre-Calculus
- C- or higher in Honors Pre-Calculus

AB Calculus

- This IS an AP course
- Equivalent to one semester of college calculus.
- Covers everything in Applied and more.
- Includes exponential, logarithmic and trig functions.

Who should take this?

- You would like the AP credit.
- You are good in math
- You like math and want a challenge
- Interested in Engineering
- Interested in Math/Applied Sciences.
- B+ or higher in Pre-Calculus
- C+ or higher in Honors Pre-Calculus

BC Calculus

- This IS an AP course
- Equivalent to two semesters of college calculus.
- Covers everything in AB Calculus and
 - Polar Graphs
 - Parametric Functions
 - Improper Integrals
 - Infinite Series and more!

Who should take this?

- You would like the AP credit
- You are very good in Math
- You like math and want a challenge
- Interested in Engineering
- Interested in Math/Applied Sciences.
- B+ or higher in Honors Pre-Calculus