

Skills you should be fluent in for success in AP Calculus

- Trigonometry (**without the calculator**)
 - Unit Circle
 - Radians (we do not use degrees)
 - Coordinates (exact)
 - Basic Identities
 - Reciprocal
 - Pythagorean
- Solving Equations (with and **without the calculator**)
 - Factoring with ease (including $a \neq 1$)
 - Polynomial, Rational, Radical, trigonometric...
 - Graphing
- Converting & Solving log (especially Natural logs)
 - Combining using log properties
 - Converting between logs and exponentials
- Curve Sketching of all functions (**without a calculator**)
 - Type of function
 - Possible numbers of min/max
 - End Behavior
 - Zeros (number of if not factorable)
- Master Algebra Skills
 - $(a+b)^n$ multiplied out correctly

- Simplify Rational Functions correctly
 - You can't cross off x's if you can't factor them out!
- Work with fractions **without a calculator**
- Polynomial Long Division

More than half of the AP test is taken without the use of a calculator. Be sure you are not dependant on it.