



**Topics Assessed on the Test for  
Placement into Honors Pre-Calculus\***  
(see topics for Algebra 2 as well as the following)

Students will be asked to demonstrate that they are able to:

- Solving equations and inequalities in one variable.
- Function notation and transformation.
- Linear equations.
- Absolute Value Equations.
- Quadratic Equations.
- Complex Number systems.
- Systems of equations and inequalities.
- Polynomial functions.
- Rational functions.
- Radical Functions (including operations on radical expressions)
- Exponential Functions and Logarithms

The following topics should also be mastered prior to beginning Honors Precalculus but are not assessed on this test:

- Sequences and Series
- Circles
- Conic Sections
- Triangle and Unit Circle Trigonometry
- Probability
- Normal Distribution

*\*Please note: Incoming freshmen may only test into Honors Pre-Calculus, not regular Pre-Calculus.*