

Pre-calculus (Trig M/A)



Prerequisite Courses

- Math 8 or Algebra Part 1
- Algebra 1
- Geometry
- Algebra 2

Student Testimonials

Click Name

Katherine

Michael

Noemi

Program of Studies Key Concepts

Homework Expectations

- 60- 90 minutes per 90 minute class

Basic Supplies

- TI-83 or TI-84 Calculator
- Pencils, Erasers
- Lined paper
- Ruler, Graph Paper
- Colored pencils/ highlighter

		<u>Prerequisite Essential Concepts</u>
<ul style="list-style-type: none"> • Algebra <ul style="list-style-type: none"> Sequences and series Exponents and logarithms Binomial Theorem • Functions, Equations & Inequalities <ul style="list-style-type: none"> Concept of a function Graph of a function Transformations of graphs Reciprocal Function Quadratic Function Absolute Value Function Rational Function Exponential Function Logarithmic Function 	<ul style="list-style-type: none"> • Polynomial Functions <ul style="list-style-type: none"> Concept of a polynomial Zeros of a polynomial • Circular Functions and Trigonometry <ul style="list-style-type: none"> Radian Measure Unit Circle Circular Functions Graphs of Trigonometric Functions Trigonometric Identities Trigonometric Equations Solution of Triangles <ul style="list-style-type: none"> Special Right Triangles Real World Application Problems Inverse Trigonometric Functions Law of Sines and Cosines 	<ul style="list-style-type: none"> • Strong Algebra 2 skills