

#### Syllabus for Pre-Calculus

- Review of Prerequisites
- Functions and Graphs---use the computer grapher for this
- Polynomials
- Exponents and Logarithms
- Trig Functions
- Analytic Trigonometry
- Applications of Trigonometry

A scientific calculator is used in class

#### Syllabus for Math 12---Algebra and Trigonometry for College Readiness

- Equations and Inequalities with applications
- Graphs of Linear Equations
- Matrices
- Polynomial Functions
- Factoring
- Rational Expressions
- Radicals
- Quadratic Functions
- Rational Functions
- Trigonometric Functions
- Right Triangles
- Circular Functions

A scientific calculator is used in class

#### Evaluations Used

- Two Major Test during the quarter—mid-quarter and end of quarter
- Daily Assignments that are corrected daily
- Quizzes throughout the quarter—computer generated or teacher generated
- Notebooks that are graded at the end of the quarter

We use the computer in conjunction with “MathXLforschool” which is a computer support program that is associated with our textbooks. Assignments and quizzes are generated through this program.