

## **Pre-Calculus 12: Course Outline**

### **Course Goals**

The goal of pre-calculus as the name indicates is to prepare students for the study of calculus, and my years of teaching have shown that the success in calculus is assured if students have a strong background in pre-calculus. This course helps students to gain a thorough knowledge of materials that is crucial for the calculus.

### **Topics to be Covered:**

- Unit 1. Transformations
- Unit 2. Polynomials
- Unit 3. Radical and Rational Functions
- Unit 4. Logarithms & Exponents
- Unit 5. Trigonometric Functions
- Unit 6. Trigonometric Identities
- Unit 7. Combinatorics

### **Marks Breakdown:**

Quizzes/projects	30%
Chapter Tests	30%
Assignments	10%
Final exam	30%

Good luck in your study of pre-calculus!