

# Pre-Calculus/Trigonometry

Full Year (23162)

**Grade(s)** 11, 12

This course consists of an integrated review of elementary functions: polynomial, linear, exponential, logarithmic, and trigonometric. Other major areas include a study of analytic geometry, parametric equations, polar coordinates, sequences and series, discrete mathematics, vectors, matrices, and an introduction to limits and derivatives. Students will also study trigonometric functions, solve trigonometric equations, and trigonometric identities. This course provides students with the necessary skills and concepts for the study of Calculus AB the following year. The uses of technology and applications are integral parts of this course.

**Credits** 1.0

**Content Area**

Mathematics

**Schools**

Arlington Community High School

Wakefield High School

Washington-Liberty High School

Yorktown High School

**Prerequisites**

Grade "C" or better in Algebra III or Algebra II, Intensified or Grade "A " in Algebra II