

# MTH 115 : PRECALCULUS ALGEBRA & TRIGONOMETRY

This course is a one-semester accelerated combination of Precalculus Algebra (MTH 112) and Precalculus Trigonometry (MTH 113). This course is intended for students with a strong background in college preparatory mathematics. The course includes the algebra of functions (including polynomial, rational, exponential, and logarithmic functions) as well as the study of trigonometric functions and inverse trigonometric functions. This course also includes extensive work with trigonometric identities, equations, and formulas; vectors; complex numbers; and polar graphs.

**Credits** 4

**Lecture Hours** 4

**Lab Hours** 0

**Course Tags**

CORE

**Prerequisites**

Appropriate mathematics placement score or a C or higher in MTH 100.