

# MTH 115: Precalculus Algebra and 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

**Transfer Code:** Transfer Code

Code A

**Lab Hours:** 0

**Lecture Hours:** 4

**Prerequisites:**

For direct placement into MTH115, students must have earned an ACT math subscore of 20 or higher and a "C" or higher in a high school pre-calculus course. **Note:** Students who have completed MTH112 with a "C" or higher should enroll in **MTH113**. Students who have completed MTH 100 with an A or better may request from the division chair approval to enroll in MTH115.

**Co-Requisites:**

None