

# MTH 112: Precalculus Algebra

This course emphasizes the algebra of functions - including polynomial, rational, exponential, and logarithmic functions. The course also covers systems of equations and inequalities, quadratic inequalities, and the binomial theorem. Additional topics may include matrices, Cramer's Rule, and mathematical induction. CORE

**Credits:** 3

**Transfer Code:** Code A

**Lab Hours:** 0

**Lecture Hours:** 3

**Prerequisites:**

All core mathematics courses in Alabama must have a minimum prerequisite of high school Algebra I, Geometry, and Algebra II with an appropriate mathematics placement score. An alternative to this is that the student should successfully pass with a C or higher Intermediate College Algebra

**Program:** Mathematics

**Semester Offered:**

Spring

Summer

Fall