

# MATH 110: College Algebra

A study of algebraic expressions, equations, inequalities, and functions. Includes function composition, inverse functions, and graphs of functions. Solutions of linear and quadratic functions are presented (including complex numbers) with extension to other polynomial functions. Topics also include properties and graphs of rational functions, and systems of linear equations and their solutions including matrix methods and determinants.

**Credits:** 3

**Prerequisites:**

ALEKS Placement Test Score of 46-60 or an SAT mathematics score of at least 530 or an ACT mathematics score of at least 21 or **MATH 013** with a grade of C- or higher or permission of the department.

**Program:** **Mathematics**

**Semester Offered:** Fall

Spring