

MTH 112: Pre-Calculus 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 qualities, and the binomial theorem. Additional topics may include matrices, Cramer's Rule, and mathematical induction.

Credits: 3

Prerequisites:

Successful completion of MTH 100 Intermediate College Algebra with a grade of C or higher or appropriate placement

Co-Requisites:

MTH 111 Support for Precalculus Algebra, if required.

This course emphasizes the algebra of functions – including polynomial, rational, exponential, and logarithmic functions. In addition, the course covers non-linear inequalities as well as systems of linear and non-linear equations and inequalities.

Program: [Mathematics](#)