

MATH 103: College Algebra

Functions, graphs and their properties are studied by generalizing and interpreting techniques initially introduced in elementary algebra. Simplification techniques are used to define, simplify, and derive elementary properties of linear, quadratic, rational, exponential and logarithmic functions. Equation, system and inequality solving techniques are used to determine the domain and range and analyze the nature of the roots and intersection points of functions and graphs. Quantitative interpretation and practical application of functions and graphs are included throughout the course.

Credits: 3

Prerequisites: MATH 82X with a grade of CR or Concurrent enrollment in MATH 88 or Appropriate MATH placement

Recommended Prep: Basic computer, internet, and keyboarding skills.