

# MATH 103: College Algebra

Linear equations, inequalities, systems of equations, polynomials, functions, fractional expressions and equations, exponents, powers, roots, quadratic equations and functions; rational, exponential and logarithmic functions.

**Credits:** 4

**Lecture Hours:** 4

**Prerequisites:**

“C” or better in MATH 25, 26, 29, 82 or equivalent

**Co-Requisites:**

enrollment in MATH 88, satisfactory math placement test score, or consent of instructor.

**Program:** [Math](#)

**Student Learning Outcomes:**

- Graph or interpret algebraic relations that are relevant to the topics in this course.
- Employ algebraic techniques to find the solutions to equations or inequalities, or systems of equations or inequalities appropriate to the level of this course.
- Use algebraic techniques to analyze and solve applied problems.
- Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form.