

MATH 103 : College Algebra

Credits: 3

Class Hours: 3 lecture

Prerequisites: "C" or higher in MATH 82X or acceptable math placement.

Description: MATH 103 is a continuation from Elementary Algebra. Topics of study include exponents; algebraic equations and inequalities; absolute value; polynomial, rational, radical, exponential and logarithmic functions; circles; and systems of equations and inequalities.

Semester Offered: Fall, Spring

Designation:

Foundations (Quantitative Reasoning) – FQ

Course Student Learning Outcomes (CSLOs):

1. Apply algebraic concepts to model, solve and provide justifications to problems involving linear, quadratic, polynomial, rational, radical, exponential, logarithmic equations, and/or inequalities.
2. Perform operations on functions and find inverses.
3. Graph functions using tables, transformations, critical points, and other characteristics.