

MATH 82 : Algebraic Foundations

This course covers elementary algebra topics. Topics include linear equations and inequalities, graphing, linear systems, properties of exponents, operations on polynomials, factoring, rational and radical expressions and equations, quadratic equations, and applications.

Credits 4

Lecture Hours 4

Prerequisites

Satisfactory Placement, or a Grade of “C” or better in Math 21, Math 21B, Math 24, Math 28, or Math 75X.

Course Outcomes

- Use algebraic techniques to analyze and solve applied problems
- Graph linear and quadratic equations
- Solve equations, inequalities, and systems
- Utilize precise mathematical language and symbols to effectively communicate mathematics in written and/or oral form