

# MAT - MATHEMATICS

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**MAT 1001 Elementary Algebra for Financial Mathematics (1 Unit)**

An introduction to algebra, including a study of the real number system, solutions of linear and quadratic equations, polynomials, factoring, systems of equations, graphing, inequalities, and radicals. The class also examines basic financial mathematics.

Letter grade.

**MAT 1013 College Algebra (GE) (3 Units)**

A review and extension of elementary algebra, solutions of linear and quadratic equations, radicals, inequalities, linear and quadratic functions, polynomial functions, exponential and logarithmic functions, conic sections, sequences, series, and graphing.

Letter grade.

**Prerequisite(s):** MAT 1001 or equivalent.

**MAT 1093 Basic Statistics (GE) (3 Units)**

This course is an introduction to the concepts and techniques of elementary statistics including descriptive statistics, sampling distributions, confidence intervals, hypothesis testing, correlation, and regression. Data analysis tools will be used.

Letter grade.

**Prerequisite(s):** MAT 1001 or equivalent.