

MATH • MATH

MATH 099 · Intermediate Algebra **3 Credits**

A study of intermediate-level algebra, taken in preparation for college algebra. Topics include real numbers, algebraic expressions, linear equations and inequalities, linear functions and their graphs, systems of equations in two and three variables, exponents and radicals, polynomial functions and factoring, rational expressions and equations, quadratic equations, and complex numbers.

Course carries no degree credit. Students must earn a grade of C- or better in order to fulfill a prerequisite.

MATH 105 · Survey of College Mathematics **3 Credits**

A math course designed for the non-science major. Key areas of focus include financial literacy, numerically-based decision making, growth, scale, consumer applications, probability, and numerical applications. The course applies basic college-level mathematics to real-life problems.

Prerequisite: MATH 099 with a grade of C- or better, or SAT 540/ACT 23 math score.

MATH 125 · College Algebra **3 Credits**

A study of functions (linear, quadratic, polynomial, inverse, exponential, and logarithmic) and their graphs. Additional topics include solving equations and inequalities, matrices, and sequences and series.

Prerequisite: MATH 099 with a grade of C- or better, or SAT 540/ACT 23 math score.

MATH 301 · Math for the Elementary Teacher I **3 Credits**

One of two mathematics course requirements for students studying to be an elementary school teacher. Focus on the development of proficiencies in number sense, algebra, and functions. Emphases include relationships among numbers, number systems, computational tools, procedures, strategies, patterns and functional relationships, and linear and quadratic equations and inequalities.

The two mathematics content courses are not sequential; students can take MATH 301 and 302 in either order. Prerequisite: MATH 099 with a grade of C- or better, or SAT 540/ACT 23 math score.

MATH 302 · Math for the Elementary Teacher II **3 Credits**

One of two mathematics course requirements for students studying to be an elementary school teacher. Standard instruction will include algebraic thinking, use of variables, graphing algebraic equations, geometry, measurement, data analysis, statistics, and probability.

The two mathematics content courses are not sequential; students can take MATH 301 and 302 in either order. Prerequisite: MATH 099 with a grade of C- or better, or SAT 540/ACT 23 math score.