MATH 0099 Intermediate Algebra

(4-0-4)

MATH 0099 is an intermediate algebra course designed to give students knowledge of basic algebriac concepts in preparation for college algebra. Topics covered include linear equations and inequalities, factoring, exponents, roots and radicals, rational expressions, complex numbers, quadratic equations and basic elements of geometry.

Exit Requirement: A grade of C or better in the course and a score of 60 or above on the Division final exam.

Placement: Successful completion of MATH 0097.

Offered: All semesters.

MATH 0987 Foundations for Quantitative Reasoning

(2-1-3)

A course designed to help students learn the basics of algebra and other topics necessary for Quantitative Skills and Reasoning (MATH 1001), including the study of elementary algebra, real number sets, set operations, linera equations, and introductory probability and statistics.

Offered: All semesters. Prerequisites: None. Corequisites: None.

MATH 0989 Foundations for College Algebra

(3-0-3)

Math 0989 is the study of elementary algebra, which will include the study of signed numbers, linear equations, polynomials and factoring. This course is a first semester developmental course which will prepare the student for Math 1111 and its co-requisite course Math 0999. After successful completion of MATH 0989 with an A, B, or C, students will be required to register for MATH 1111 and MATH 0999 in their next semester of enrollment.

Prerequisites: None. Corequisites: None. Offered: On demand.

MATH 0997 Support for Quantitative Reasoning

(2-1-2)

This course provides an introduction to the algebraic concepts and techniques necessary for MATH 1001. This course will focus on additional support for MATH 1001 assignments and will serve as a continuation of the information covered in the MATH 1001 classroom. The topics covered include performing basic operations with rational and real numbers, representing mathematical relationships symbolically, set notation, evaluating expressions, plotting and graphing in the Cartesian coordinate system, using percentages, and solving linear equations.

Prerequisites: MATH 0987 or required scores for co-requisite remediation placement.

Corequisites: MATH 1001. Offered: All semesters.

MATH 0999 Support for College Algebra

(2-1-2)

This course provides an introduction to the algebraic concepts and techniques necessary for MATH 1111. This course will focus on additional support for MATH 1111 assignments and will serve as a continuation of the information covered in the MATH 1111 classroom. The topics covered include performing basic operations with rational, real, and complex numbers, simplifying expressions, solving algebraic equations (linear, quadratic, polynomial, exponential, logarithmic), factoring polynomials, operating with rational and radical expressions and equations. Appropriate applications with the graphing calculator will be included. A TI-83 Plus or TI-84 graphic display calculator is required.

Prerequisites: MATH 0989 or required scores for co-requisite remediation placement.

Corequisite: MATH 1111. Offered: All semesters.