

- MATH 1111 College Algebra** (3-0-3)
 This course is a functional approach to algebra that incorporates the use of applied technology. Emphasis will be placed on the study of functions and their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions. Appropriate applications will be included. A graphing calculator is required. Students receiving credit for MATH 1111 cannot receive credit for MATH 1001.
 Prerequisite: MATH 0099, MATH 0989 or satisfactory math scores to place into co-requisite remediation or higher.
 Offered: All semesters.
- MATH 1112 Trigonometry** (3-0-3)
 This course covers trigonometric functions. The topics include identities, solutions of triangles, complex numbers, conics, and vectors. A graphing calculator is required. Students receiving credit for MATH 1112 cannot receive credit for MATH 1113.
 Prerequisite: MATH 1111 or consent of Division Dean.
 Offered: All semesters.
- MATH 1113 Pre-Calculus** (3-0-3)
 This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions accompanied by analytic geometry. A graphing calculator is required. Students receiving credit for MATH 1113 cannot receive credit for MATH 1112.
 Prerequisite: MATH 1111 or one year of high school trigonometry and satisfactory score on math placement test or consent of Division Dean.
 Offered: Spring , Fall.
- MATH 1145 Survey of Calculus** (3-0-3)
 This is a survey of Calculus for students in non-science curriculums. The topics include limits, derivatives, integrals, logarithmic and exponential functions. A graphing calculator is required. Students receiving credit for MATH 1145 cannot receive credit for MATH 1151.
 Prerequisite: MATH 1111, MATH 1101 or 1113.
 Offered: Spring, Fall.
- MATH 1151 Calculus I with Geometry** (3-2-4)
 This is the first of a three semester sequence in Calculus. Calculus I covers topics from analytical geometry, limits, derivatives of algebraic, trigonometric and exponential functions, and basic integration. A graphing calculator is required. Students receiving credit for MATH 1151 cannot receive credit for MATH 1145.
 Prerequisite: MATH 1112 or MATH 1113 or consent of Division Dean.
 Offered: Fall, Spring, Summer.
- MATH 1401 Introduction to Statistics – eCore only** (3-0-3)
 The course is a course in basic statistics. Topics include descriptive statistics, probability, distributions, hypothesis testing, inferences, correlation, and regression.
 Prerequisites: Math 1101 Mathematical Modeling, 1111 College Algebra, or 1113 Precalculus or approved equivalent.
- MATH 1501 Calculus – eCore only** (4-0-4)
 Topics to include functions, limits, continuity, the derivative, antidifferentiation, the definite integral, and applications.
 Prerequisites: Math 1113 - Pre-calculus or its equivalent.