Summer Pre-Calculus Courses

Math 098: Introduction to College Mathematics A

Prerequisites: Placement in this course is determined by performance on the placement tests.

Number of Credits: 4

Course Description: Intended for students whose major requires Math 113 or Math 138. Topics include: Elementary Algebra, Introduction to Graphs and Functions, Linear Functions, Equations, Inequalities, Systems of Linear Equations, Radicals and Complex Numbers, Quadratic Equations, Rational Expressions and Rational Functions, Functions and Relations, Exponential and Logarithmic Functions and Equations. Introduction to the logistics of Applied Calculus. Diverse applications will be emphasized throughout the course. This course may not be used to satisfy degree requirements in any program.

Math 099: Introduction to College Mathematics B

Prerequisites: Placement in this course is determined by performance on the placement tests.

Number of Credits: 4

Course Description: Intended for students whose major requires Math 111. Topics include: Elementary Algebra, Introduction to Graphs and Functions, Linear Functions, Equations, Inequalities, Systems of Linear Equations, Radicals and Complex Numbers, Quadratic Equations, Rational Expressions and Rational Functions, Functions and Relations, Exponential and Logarithmic Functions and Equations. Introduction to the logistics of Applied Calculus. Diverse applications will be emphasized throughout the course. This course may not be used to satisfy degree requirements in any program.

Math 106: University Mathematics I - A

Prerequisites: Math 098 with a grade of C or better or performance on the placement tests.

Number of Credits: 4

Course Description: Intended for students whose major requires Math 113 or Math 138. Prerequisite: Math 098 with a grade of C or better or placement by performance on standardized entrance examinations. Consists of a series of projects, many of which introduce and use elementary differentiation and/or integration in which the students perform sustained algebraic and trigonometric computations. The projects involve the following topics: polynomials, rational expressions, expressions involving radicals, exponential and logarithmic functions, right triangle trigonometry, and the solution of linear and quadratic equations. Degree credit awarded for the following majors only: History, Professional Technical Communication and Science Technology and Society.

Math 108: University Mathematics I - B

Prerequisites: Math 099 with a grade of "C" or better or performance on the placement tests.

Number of Credits: 4

Course Description: Intended for students whose major requires Math 111. Prerequisite: Math 099 with a grade of C or better or placement by performance on standardized entrance examinations. Consists of a series of projects, many of which introduce and use elementary differentiation and/or integration in which the students perform sustained algebraic and trigonometric computations. The projects involve the following topics: polynomials, rational expressions, expressions involving radicals, exponential and logarithmic functions, right triangle trigonometry, and the solution of linear and quadratic equations. Degree credit awarded for the following majors only: History, Professional Technical Communication and Science Technology and Society.

For additional information please refer to the Pre-calculus Sequence link.

Course Schedule

Math 098, 099, 106, 108 will be offered from 3-6 PM Monday-Thursday beginning July 7th and ending August 21st.

Registration

To register for the summer pre-calculus courses please contact the Center for First Year Students at 973-596-2981. The deadline date for registering is June 20, 2008.