Course Number: MATH 151
Course Name: Calculus and Analytic Geometry I
Credit Hour: 5
Quarter Offered: Autumn, Winter, Spring, and Summer
Prerequisite: MATH 150 with a grade of "C" or higher

COURSE DESCRIPTION
Introduction to differential calculus: functions, limits, continuity, derivatives, differentiation rules, derivatives of the trigonometric and transcendental functions, related rates, extrema, curve sketching, optimization. Applications to problems in science and engineering. Introduction to antiderivatives.

TEXTBOOK

UNITS OF INSTRUCTION
2.1 - 2.5, 3.1 - 3.8, 4.1 - 4.8, 5.1