

MTH 2004 : CALCULUS I, CALCULUS AND ANALYTIC GEOMETRY

Covers the first 4 hours of 12 (a three-course sequence) in calculus designed to teach the fundamentals of differential and integral calculus needed in applications, including multivariate calculus. Topics include limits of functions, the derivative, applications of the derivative, the fundamental theorem of calculus, the definite integral, applications of the definite integral, the trigonometric, exponential, and logarithmic functions.

Credits 4

Lecture Hours 5

Lab Hours 0

ACTS Equivalency Course ID

MATH 2405

Prerequisites

MTH 1023

MTH 1013

Must complete all pre-requisites with a grade of "C" or higher