

MTH 125: Calculus I

This is the first of three courses in the basic calculus sequence taken primarily by students in science, engineering, and mathematics. Topics include the limit of a function; the derivative of algebraic, trigonometric, exponential and logarithmic functions; the definite integral and its basic applications to area problems. Applications of the derivative are covered in detail, including approximations of error using differentials, maximum and minimum problems, and curve sketching using calculus. CORE

Credits: 4

Transfer Code: Code A

Lab Hours: 0

Lecture Hours: 4

Prerequisites:

A minimum prerequisite of high school Algebra I, Geometry, Algebra II and Trigonometry with an appropriate mathematics placement score is required. An alternative to this is that the student should successfully pass with a C or higher MTH 113

Program: Mathematics

Semester Offered:

Spring

Summer

Fall