
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; and 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.

Credits 4

Lecture Hours 4

Lab Hours 0

Transfer Code

Code A

Core Course

Prerequisites

ACT math score of 25 or higher, grade of C or higher in MTH 113 or 115, or appropriate placement score.

Corequisites

None