

MAT 1140 - Calculus I (4)

Functions, limits, continuity, derivatives of all functions including trigonometric, exponential, logarithmic, inverse trigonometric, and implicit functions. Applications of derivatives, including max/min problems and L'Hopitals rule. Definite and Indefinite Integrals, The Fundamental Theorem of Calculus, substitution rule and applications.

Prerequisite(s): C or better in MAT 1050 and MAT 1060, MAT 1070, or appropriate score on MDTP or ALEKS placement test.

GE Area(s): B4

Component(s): Lecture

Grading Basis: Graded Only

Repeat for Credit: May be taken only once

Course Category: Major Course, Service Course, GE Course