MATH 2413 : Calculus I

This course presents terminology, concepts, and techniques needed to study limits, continuity, differentiation, and integration of algebraic, trigonometric, exponential, and logarithmic functions. Exercises are designed to allow students to demonstrate their reasoning ability, to determine maxima and minima, and to analyze functions and their graphs. A Maple component is included in this course. Six lecture hours per week. Six hours lecture per week includes a Maple lab.

Credits 4
Lecture Hours 6
Lab Hours 0
Clinical Hours 0
CIP
27.0101.59 19
Prerequisites
MATH 2412 or Math department approval.