MATH 2414 : Calculus II

Differentiation and integration of transcendental functions; parametric equations and polar coordinates; techniques of integration; sequences and series; improper integrals. The Maple computer algebra system will be used throughout the course. 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 2413 or mathematics department approval.