

MATH 2415 : Calculus III

Advanced topics in calculus, including vectors and vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals and Jacobians; application of the line integral, including Green's Theorem, Divergence Theorem and Stokes' Theorem.

Credits 4 **Lab Hours** 3 **Lecture Hours** 3 **Lab Fee** OER FEE **Field Experience Hours** 0

Clinical Hours 0 **Course Type** Academic **Extended Hours** 0 **Practicum Hours** 0

Contact Hours 96

Prerequisites

[MATH 2414](#)