MATH 2610 : Calculus III

Multivariable calculus. Topics include parametric equations, polar coordinates, vectors and their applications to problems of motion and solid analytical geometry, functions of several variables, partial differentiation, multiple integration, line integral, Green's theorem, and Stokes' theorem. A graphing calculator is required; Texas Instruments TI-83 or TI-84 recommended. Prerequisite: MATH 1620.

Credits 4.0
Semester Offered
Fall
General Education Areas
Math,
Reasoning Gen Ed