MA 315 : Analytic Geometry and Calculus III

Continuation of MA 240, includes the study of the calculus of functions of more than one variable. Topics include vectors, partial differentiation, polar coordinates, multiple integrals, curves and surfaces in three dimensions, vector calculus, and the higher dimensional analogs of the Fundamental Theorem of Calculus.
Credits 5
Prerequisites
MA 240.
Semester Offered
Fall