

MAT 338: Vector Analysis

A study of the algebra of vectors and the calculus of vector-valued functions. Topics include vector identities, space curves, and the gradient, divergence, and curl of vector functions. Also considered are line and surface integrals including the Divergence Theorem, Green's Theorem, and Stoke's Theorem.

Credits: Credits 3

Prerequisites:

Prerequisite Courses

MAT 213

Semester Offered:

Semester Offered

Offered at departmental discretion.