MATH 243 : Calculus III

Credits: 3
Class Hours: 3 lecture
Prerequisites: "C" or higher in MATH 242 or acceptable math placement.
Description: This course covers vector algebra, vector-valued functions, differentiation of functions of several variables, and optimization.
Semester Offered: Fall
Course Student Learning Outcomes (CSLOs):
1. Model and solve applications problems involving vector algebra and differentiation of multivariable functions.
2. Algebraically manipulate vectors and vector-valued functions.
3. Analyze basic 3-dimensional surfaces and paths.