

## **MATH 283:** Calculus III

A study of vectors in two and three dimensions, motion in space, polar, cylindrical and spherical coordinate systems, functions of several variables, partial derivatives, multiple integrals, and differentiation and integration in scalar and vector fields.

### **Credits:**

4

### **Prerequisites:**

MATH 282 with a grade of C- or higher

### **Program:**

Mathematics

### **Semester Offered:**

Fall