

# 2023-2024 TTC Catalog

## MAT 240 Analytic Geometry and Calculus III

Lec: 4.0 Lab: 0 Credit: 4.0

This course covers multivariable calculus including vectors, partial derivatives and their applications to maximum and minimum problems with and without constraints, line integrals, multiple integrals in rectangular and other coordinates, and Stokes' and Green's theorems.

### Prerequisite

MAT 141

with a minimum grade of C

### Course Offered

Fall

Spring

Summer

### Grade Type

Letter Grade

### Division

Science and Mathematics