

# MAT325: Calculus III

A continuation of the study of single-variable calculus, and a study of multivariable calculus. Topics include parametric equations, polar coordinates, vectors, and vector-valued functions, partial differentiation, Lagrange multipliers, and double and triple integrals.

**Credit Hour(s):** 3

**Prerequisites:**

MAT225.

**Department:** Mathematics, Physics, and Computer Science

**Semester Offered:**

Fall