

# MTH 227: Calculus III

This is the third of three courses in the basic calculus sequence. Topics include vector functions, functions of two or more variables, partial derivatives (including applications), quadric surfaces, multiple integration, and vector calculus (including Green's Theorem, curl and divergence, surface integrals, and Stokes' Theorem).

**Credits:** 4

**Lab Hours:** 0

**Lecture Hours:** 4

**Prerequisites:**

Grade of C or higher in MTH 126

**Program:** [Mathematics](#)