

# MAT125: Calculus I

A study of the derivative, its applications, and an introduction to the integral. Topics include limits, continuity, techniques of differentiation, optimization, the Fundamental Theorem of Calculus, and indefinite integrals.

**Credit Hour(s):** 3

**Prerequisites:**

A grade of C or better in MAT123, or high school precalculus and knowledge of trigonometric functions.

**Department:** [Mathematics, Physics, and Computer Science](#)

**Semester Offered:**

Fall

Spring

**Recommended:**

A math ACT subscore of 26 (or the equivalent) is strongly recommended.