# MAT240 : Calculus I

This calculus course is designed for engineering, natural sciences, computer science, and mathematics majors. Topics include limits, continuity, derivatives, integrals, the fundamental theorem, applications on curve sketching, optimization, areas and volumes, differentiation and integration (up to substitution) involving trigonometric, inverse trigonometric, logarithmic, and exponential functions.

**Credits**  4

**Prerequisites**

A grade of C- or higher in MAT195: Precalculus with Trigonometry or satisfactory basic skills assessment score

**Semester Offered**

Fall

Spring

Summer

**Notes**

Satisfies a Mathematics/Quantitative Reasoning general education requirement.