MATH 141 is the second course in a two- or three-course calculus sequence for students in science, engineering and related fields.

Calculus is an important building block in the education of any professional who uses quantitative analysis. This course further introduces and develops the mathematical skills required for analyzing growth and change and creating mathematical models that replicate real-life phenomena. The goals of our calculus courses include to develop the students' knowledge of calculus techniques and to use the calculus environment to develop critical thinking and problem solving skills.

This course covers the following topics: logarithms, exponentials, and inverse trigonometric functions; applications of the definite integral and techniques of integration; sequences and series; power series and Taylor polynomials; parametric equations and polar functions.

Class size, frequency of offering, and evaluation methods will vary by location and instructor. For these details check the specific course syllabus.

An honors version of this course is offered at least once per year.