

MAT 1315: Calc Life Sci Appl II

The mean-value theorem, Taylor's polynomial approximations, the anti-derivative, the definite integral, area, numerical integration, applications of the integral, techniques of integration, indeterminate forms, L'Hospital's rule, improper integrals, introduction to differential equations with applications to biological systems, numerical solutions using the computer, applications in the life sciences.

Credits: 3.0

Prerequisites:

MAT 1310

MAT 1500

(MAT 1310 :D- or MAT 1500 :D-)

Program: Mathematics and Statistics