Nebraska Wesleyan University

MATH 3100 Differential Equations

Catalog

2025-2026

Course Description

A study of ordinary differential equations. Topics include first- and higher-order, linear and nonlinear differential equations with applications. Additional topics may be chosen from systems of differential equations, transform techniques, and numerical methods. Use will be made of a computer algebra system.
Prerequisite(s): Grade of "C" or better in MATH 1610 Calculus II.
(Normally offered each spring semester.)

Course Hours

4 hours

Departments

1. Mathematics and Computer Science