

**Course:**

**MATH 3100 Differential Equations**

**4 hours**

**Majors, Minors & Degrees:**

**Majors**

Mathematics (B.A., B.S.)

**Departments/Programs:**

Mathematics and Computer Science

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.)