

# MATH220N : Differential Equations

This first course in differential equations studies the theory, solutions methods, and application of ordinary differential equations. Topics include separable differential equations, method of integrating factors, method of undetermined coefficients, variation of parameters, Laplace transforms, numerical methods, and series solutions to differential equations.

**Class Hours** 4

**Lab Hours** 0 **Credits** 4

**Prerequisite Courses**

MATH211N