

MATH 2620 : Ordinary Differential Equation

Ordinary differential equations, including first and second order equations; applications in science, engineering, and geometry; the use of infinite series and complex numbers in solving equations; a discussion of nth order linear differential equations; an introduction to LaPlace transforms; numerical methods and systems of differential equations. A graphing calculator is required; Texas Instruments TI-83 or TI-84 recommended.

Prerequisite: MATH 1620.

Credits 4.0

Semester Offered

Spring

General Education Areas

Math,

Reasoning Gen Ed