2022-23
ACADEMIC CATALOG



Midway University

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Course 2
MTH 301 - Differential Equations 2

Course

MTH 301 - Differential Equations

An investigation into the solution of ordinary equations including, but not limited to, the following: equations of order one via separation of variables, homogeneous coefficients, integrating factors, and substitution; linear equations via matrix methods and differential operators; transform methods; and series solutions. Both analytic and numerical solutions will be considered. Application of methods to the fields of science and mathematics will be an important part of this course. Prerequisite: MTH 222.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0
Lab hours: 0.0

Prerequisites:

- MTH 222 - Calculus II

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