Provider:

Ball State University

Course Code:

2544

Content Area:

Mathematics

Course Delivery:

Online

Enrollment Type:

Non Continuous

Enrollment deadline:

Fall: 8.13.25 and Spring: 12.19.25

Course Description:

Introduction to nth-order ordinary differential equations, equations of order one, elementary applications, linear equations with constant coefficients, nonhomogeneous equations, undetermined coefficients, variation of parameters, linear systems of equations, and the Laplace transform. Use of standard computer software. Prerequisite: C- or better in MATH 162 or MATH 166 or permission of the department chairperson.

Credit:
3

Credit Type:
Dual Enrollment

NCAA Approved:

Yes

Contact:

Nancy Day
nday@bsu.edu
(765) 285-3592

Cost:

$350.00

Additional Course Cost Information:

Textbooks and Materials

Indiana Course Title:

Differential Equations