



MISSOURI S&T

Formerly University of Missouri-Rolla

DEPARTMENT of MATHEMATICS and STATISTICS

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Mathematics 3304 “Elementary Differential Equations”, Fall 2025.

Lecture: MWF in CS-121 from 11 to 11:50 in the morning. The class website is

<http://web.mst.edu/~bohner/math3304-25/math3304.html>.

Office Hours: Monday, Wednesday, and Friday in BCH-314 from 12 to 12:50 in the afternoon.
Also by appointment.

Text: “Fundamentals of Differential Equations” by Nagle, Saff, and Snider (9th edition). Another reference is “Schaum’s Outline of Differential Equations” by Bronson and Costa (5th edition).

Learning Outcomes: To understand the theory of first-order differential equations, linear differential equations of higher order, the Laplace transform, systems of linear equations, as well as selected engineering applications.

Course Coordinator: Mr. Paul Runnion, 212 Rolla Building.

Attendance and Drop Policy: With three absences from class, you will receive an academic alert. With five absences from class, you will be dropped from the class.

Homework Assignments: All homework in this course will be completed using MyMath Lab.

Exams: There will be three common midterm exams on the following Thursdays, 5 to 5:50 in the evening: Sep 25, Oct 23, Dec 4. These evening exams are scheduled class times, and you are responsible for working out any conflicts to ensure that you are present for each scheduled exam. No makeup exams will be given under any circumstances, and any missed exam will count as a zero.

Final Exam: The final exam is comprehensive and will be on Monday, December 15 from 3 to 5 in the afternoon.

Grading Policy: Homework assignments are worth 100 points, each of the four hour exams 100 points with the best three of them counting. Hence the emphasis on the final amount of points is weighted as follows:

Homework	Exams
25%	75%

Altogether 400 points are available. If p is the final percentage, the final grade will be determined according to the following table:

F	D	C	B	A
$p < 60$	$60 \leq p < 70$	$70 \leq p < 80$	$80 \leq p < 90$	$p \geq 90$