



MISSOURI S&T

Formerly University of Missouri-Rolla

DEPARTMENT of MATHEMATICS and STATISTICS

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Mathematics 3304 “Elementary Differential Equations”, Fall 2019.

Lecture: MWF in BCH-216 from 10 to 10:50 (Section 102) and 11 to 11:50 (Section 109) in the morning. The class website is

<http://web.mst.edu/~bohner/math3304-19/math3304.html>.

Office Hours: MWF in ROLLA-106 from 12 to 12:50 in the afternoon. Also by appointment. Appointments may be scheduled in person, by phone, or via e-mail. Please refer to the website for other available help such as LEAD Session and the Mathematics Tutoring Room.

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 (4th edition).

Description: First-order differential equations and linear differential equations of higher order are studied. The Laplace transform and systems of linear equations as well as selected physical applications are covered.

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 MyMathLab.

Exams: There will be three common midterm exams on the following Thursdays, 5 to 5:50 in the evening: Sep 19, Oct 24, Nov 21. 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 Thursday, December 12 from 7:30 to 9:30 in the morning.

Grading Policy: Homework assignments are worth 10 points, each of the three hour exams 100 points, and the final exam 200 points. Hence the emphasis on the final amount of points is weighted as follows:

Homework	Hour Exams	Final
$(16 + \frac{2}{3})\%$	50%	$(33 + \frac{1}{3})\%$

Altogether 600 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
$p < 60$	$60 \leq p < 70$	$70 \leq p < 80$	$80 \leq p < 90$	$p \geq 90$