

MATH 214-A02: ELEMENTARY DIFFERENTIAL EQUATIONS

Summer Session C 2021

Instructor: Martha Hartt	Time: MTWTh 10:30 – 12:35 & 1:30 – 2:20
Email: mhartt@gmu.edu	Place: Zoom Link on Blackboard

Zoom Link: <https://gmu.zoom.us/j/9430700677>

Office Hours: MW 9:00-10:00am or by appointment (same zoom link as class)

Course Description: First-order ODEs, higher-order ODEs, Laplace transforms, linear systems, approximations and modeling

Textbook: W. Boyce, R. DiPrima, and D. Meade, *Elementary Differential Equations 11th Edition* Wiley, 2017.

Sections we will cover:

Chapter	Sections
1	1, 2, 3
2	1, 2, 3, 4, 6
3	1, 2, 3, 4, 5, 6, 7, 8
4	1, 2, 3
5	N/A
6	1, 2, 3
7	2, 3, 4, 5, 6

Gradescope: All tests and quizzes will be submitted and graded via gradescope. This can be found under the gradescope tab on the blackboard course page.

Course Organization: The course will be conducted synchronously via zoom, the link will be posted on blackboard. Your participation grade will be based on primarily on your attendance to the lectures.

Rough Schedule:

June 21 – June 28	Chapters 1 & 2
June 30 – July 8	Chapters 3 & 4
July 13 – July 22	Chapters 6 & 7

Grading Policy:

Midterm #1	20%
Midterm #2	20%
Final Exam	30%
Quizzes	25%
Participation	5%

Grading Scale This class will use the standard 10-point grading scale, i.e.:

A+	A	A-	B+	B	B-	C+	C	C-	D	F
97-100	93-96	90-92	87-89	83-86	80-82	77-79	73-76	70-72	60-69	0-59

Important Dates:

Midterm #1	June 29
Midterm #2	July 12
Final Exam	July 23

The midterm dates are tentative and I reserve the right to change them if necessary. Also, please be advised that the last day to drop with no penalty is Wednesday June 23rd.

Quizzes: There will be daily quizzes with the exception of the exam days. These will be taken asynchronously, once you start the quiz, you will be given an hour to complete it (although they should not take longer than 10-30 minutes). You will be given a 24 hour period in which you can complete the quiz. No late quizzes will be accepted. However, the 2 lowest quiz grades will be dropped. I may also give a few optional extra credit quizzes, which could replace a low score on a regular quiz. These will occur on Fridays.

Exams: There will be **no** make-up exams. A missed exam counts as a zero unless a valid excuse from a physician or the Dean's Office is presented to your instructor and accepted. Exams will be open note, but you will not be permitted to use **any** resources other than your course notes (This means no internet and no collaboration with other students). Exams will be conducted during class time.

Homework: I will post homework problems from the textbook for each section on blackboard. These will not be turned in or graded.

Disability Policy: If you are a student with a disability and you need academic accommodations, please contact the Office of Disability Resources at 703.993.2474 or online at <http://ods.gmu.edu>. All academic arrangements and accommodations must be made through ODS.

Academic Integrity: You are expected to follow the GMU Honor Code: <https://oai.gmu.edu/mason-honor-code/>