
GMU Department of Mathematical Sciences
Math 214: Elementary Differential Equations, Fall 2018
Lectures MW 1:30 - 2:45pm Robinson Hall B104
Recitations T 10:30 - 11:20pm, 11:30 - 12:20pm, 12:30 - 1:20pm,
Robinson Hall B120

Instructor: Prof. Maria Emelianenko

Email: memelian@gmu.edu; **Phone:** (703) 993-9688

Office: EXPL 4454; **Office Hours:** MW 11:30am-12:30pm and by appt

Teaching assistant: Hannah Klawe, email: hklawa@masonlive.gmu.edu

Office Hours: Thursday 12:15-1:25pm and by appt

Text: Elementary Differential Equations by W.E. Boyce - R.C. DiPrima, 11th Edition, John Wiley & Sons, Inc. (earlier editions will work, but note a difference in problem order)

Website: Piazza website will have all course related information including homework, lecture notes and review materials. Quizzes will appear on Blackboard. Please check both sites frequently for updates and announcements.

Calculators: Calculators may be used (but are not required) on homework assignments. Calculators are NOT allowed for quizzes or exams.

Examinations: There will be two 75-minute in-class midterm examinations. The comprehensive final exam will be given during the finals week, **Wed. May 8, 1:30 pm – 4:15 pm**. Students should not make arrangements to leave campus before this date.

Makeup/Conflict Midterm Exams: Only students with official University conflicts, or a valid, documented excuse, such as illness, will be permitted to schedule conflict or late make-up examinations. Students are responsible for requesting permission from the instructor at least three days before the regularly scheduled examination, except in emergency circumstances.

Grades: Grades will be assigned according to the percent system given below:

25% midterm examination I **Wed. Feb. 27**, in class

25% midterm examination II **Wed. April 3**, in class

25% final examination **Wed. May 8, 1:30 pm – 4:15 pm**

15% online quizzes/projects

10% in-class participation/polls

Homework and quizzes: Homework assignments will contain problems from the textbook as well as other exercises. Homework will NOT be collected, but completing homework assignments is essential for gaining a good grade in the course. Solutions to homework problems will be posted to help you assess your understanding of the material, but it is highly recommended that you do problems first before looking at the solutions. It is students' responsibility to allow for enough time during the week to work on the homework problems and review the solution sets. Weekly quizzes and mini-projects will be given on Blackboard to test the knowledge of the material. Two lowest quiz scores will be dropped at the end of the semester.

Participation: Students will be expected to actively participate in classroom discussions and take part in in-class activities. I will be using Piazza app for in-class polling, and all students are supposed to have access to this software during class. Participation credit will be given to everyone who participates in at least 25% of all polls during the semester.

Academic Policies

All GMU policies regarding ethics and honorable behavior apply to this course. If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Resources at 703/993-2474. All academic accommodations must be arranged through that office.