
GMU Department of Mathematical Sciences
Math 214: Elementary Differential Equations, Fall 2010
Lectures MWF 11:30–12:20pm Science and Tech I, Room 129
Recitations MWF 12:30–1:20pm, rooms vary

Instructor: Prof. Maria Emelianenko

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Office: Room 226A, Science and Tech I

Office Hours: TR 4-5pm and by appt

Text: Elementary Differential Equations by W.E. Boyce - R.C. DiPrima, 9th Edition, John Wiley & Sons, Inc.

Website: Main course website <http://math.gmu.edu/~memelian/teaching/Fall10/math214> and Blackboard website <http://gmu.blackboard.com>. 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 50-minute in-class midterm examinations. The comprehensive final exam will be given during the finals week, **Fri. 12/17, 10:30 am – 1:15 pm**. Students should not make arrangements to leave University Park before Dec. 17, 2010.

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. No make-up final exams will be given.

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

25% midterm examination I **Fri. Oct. 8**

25% midterm examination II **Fri. Nov. 19**

25% final examination **Fri. Dec. 17, 10:30 a.m.**

15% in-class and online quizzes

10% participation

Homework and quizzes: Homework assignments will be mostly analytical and will contain problems from the textbook as well as other exercises. Occasional computational assignments will be given to enhance understanding of the context and application areas. Completing homework assignments is essential for gaining a good grade in the course. Solutions to homework problems will be discussed in class on the day they are due. It is students' responsibility to allow for enough time during the week to work on the homework problems and review the solution sets. Regular quizzes will be given either in class or online to test the knowledge of the material.

Participation: Students will be expected to actively participate in classroom discussions and take part in online activities. Several mandatory surveys and learning modules/quizzes will be given at the Blackboard website during the course of 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.