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GMU Department of Mathematical Sciences  
Math 214: Elementary Differential Equations, Fall 2018  
Lectures MW 3 - 4:15pm Robinson Hall B104  
Recitations T 1:30 - 2:20pm, 2:30 - 3:20pm, 3:30 - 4:20pm,  
room KH5

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**Instructor:** Prof. Maria Emelianenko

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

**Office:** EXPL 4454; **Office Hours:** MW 1:30-2:30pm and by appt

**Teaching assistant:** Haseeb Baha, email: hbaha@masonlive.gmu.edu

**Learning assistant:** Chris Carlson, email: ccarls12@masonlive.gmu.edu

**Text:** Elementary Differential Equations by W.E. Boyce - R.C. DiPrima, 11th Edition, John Wiley & Sons, Inc. (earlier editions will work, but not a difference in problem order)

**Website:** Blackboard website will have all course related information including homework and quizzes. Please check this site 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, **Mon. 12/17, 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 **Tue Oct. 9**, in class

25% midterm examination II **Wed. Nov. 7**, in class

25% final examination **Mon. Dec. 17, 1:30 pm – 4:15 pm**

15% in-class and online quizzes/projects

10% participation

**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 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. Weekly quizzes and mini-projects will be given 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.