

MATH 252 - Elementary Differential Equations
MTWTh 10:10 am -12:10 pm, Room: HLL - 423

Instructor: Triet Pham, Office: Hill 508, Email: tmp140@math.rutgers.edu

Instructor office hours: TTh 3:30 - 5:00 pm, and by appointment.

Textbook: Paul Blanchard, Robert L. Devaney & Glen Hall; *Differential Equations, with DE Tools Printed Access Card (fourth edition)*; Cengage, 2011 (864 pp.); (ISBN: 9781133109037).

Prerequisite: Math 250 (Linear Algebra) and Calculus 3.

Course topics: First and second order ordinary differential equations; systems of ordinary differential equations.

Course Outline:

We will tentatively follow the schedule as outlined here: [M252 - Schedule](#)
The Math department also has a [course website](#) with supplements that we will refer to.

Grade Breakdown:

Attendance: 5 %, Homework: 10 %; Quiz : 10 % ; Computer lab assignments: 10 %; Midterm 30 %; Final: 35 %

Quizzes: A 10 minute quiz will be given twice a week (Tuesdays and Thursdays) at the beginning of every lecture based on the materials covered in the previous two lectures. The two lowest quiz scores will be dropped.

Homework: Homework will be assigned after every lecture and collected at the beginning of the following week. It is graded based on completion. All students are strongly encouraged to check with the instructor during office hours or after class if they want to know their solutions to the homework are correct.

Computer lab assignments: Matlab assignments will be assigned at the end of every week (starting from week 1) and due at the end of the following week. Each student must work on their own report. Any plagiarism in computer lab assignments will result in zero score for that particular assignment. Repeated violations will lead to report to the University Academic Integrity Office, as stated below.

Academic Honesty: As a Rutgers University student, you have agreed to abide by the University's academic honesty policy, as stated in <http://academicintegrity.rutgers.edu>. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

Make-up exam policy: All potential absence during the exam must be discussed with the instructor **prior** to that specific exam and **in person**. The instructor reserves the right to **not** allow make-up exam in case of any post-exam absence notice. In all cases, make-up exams are permitted only with valid reasons (such as university duties) and / or emergency (sickness / accidents) with proper documentation of evidence.

No cellphone policy: There will be absolutely no cellphone use allowed during lecture. The student who uses cellphone in class for whichever reason will be asked to leave the lecture and lose the attendance / quiz score of that day.

University Attendance Policy: Students are expected to attend classes regularly, according to what is stated in [Rutgers attendace policy](#). Attendance is given 5 % of the total scores in this course; and is graded on daily attendance, punctuality and in class activities.

Important Dates:

MidtermJuly 25th, 2019
Final Exam August 14th, 10:10 am-1:10pm, Hill 423

Student-Wellness Services:

Just In Case Web App
<http://codu.co/cee05e>

Access helpful mental health information and resources for yourself or a friend in a mental health crisis on your smartphone or tablet and easily contact CAPS or RUPD.

Counseling, ADAP & Psychiatric Services (CAPS)

(848) 932-7884 / 17 Senior Street, New Brunswick, NJ 08901/ www.rhscaps.rutgers.edu/

CAPS is a University mental health support service that includes counseling, alcohol and other drug assistance, and psychiatric services staffed by a team of professional within Rutgers Health services to support students efforts to succeed at Rutgers University. CAPS offers a variety of services that include: individual therapy, group therapy and workshops, crisis intervention, referral to specialists in the community and consultation and collaboration with campus partners.

Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

Disability Services

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>

Rutgers University welcomes students with disabilities into all of the University’s educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially

enrolled, participate in an intake interview, and provide documentation:
<https://ods.rutgers.edu/students/documentation-guidelines>.

If the documentation supports your request for reasonable accommodations, your campus disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the Registration form on the ODS web site at: <https://ods.rutgers.edu/students/registration-form>.

Scarlet Listeners

(732) 247-5555 / <http://www.scarletlisteners.com/>

Free and confidential peer counseling and referral hotline, providing a comforting and supportive safe space.