MTH 244: Differential Equations
Summer 2020

Instructor: Madhav Sharma
Office Hours: MTW 10 am-11am in Lippitt 102E or by appointment
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Textbook: *An Introduction to Differential Equations and Their Applications* by Stanley J. Farlow, Dover Publications, 1994.

Course Description: MTH 244 is a first course in Ordinary Differential Equations (ODE). We will learn mathematical techniques of solving differential equations involving one independent variable and their applications to the physical sciences. We will cover most of the sections in Chapter 1- 6 from the textbook.

Evaluation: Your scores on two exams (20% each), five quizzes (6% each), and the comprehensive final exam (30%) will determine your final grade.

    Quiz days: 6/29, 7/1, 7/8, 7/13, 7/15
    Exam days: 7/6 and 7/20
    Final Exam: 7/23

Make-up policies: Makeup quizzes and exams may be given under special circumstances if a valid documentation is provided. They must be made up within a week from the original date of the quiz/exam.

Letter Grade assignment: A (92% - 100%), A- (90% - 91%), B+ (87% - 89%), B (82% - 86%), B- (80% - 81%), C+ (77% - 79%), C (72% - 76%), C- (70% - 71%), D+ (67% - 69%), D (60% - 66%), F (0% - 59%).

Incomplete Grade: University of Rhode Island regulations concerning incomplete grades will be followed. See University Manual sections 8.53.20 and 8.53.21 for details.

Homework: A list of suggested problems from textbook will be posted on Sakai. Although they are not collected and graded, you are expected to do all of them.

Accommodation: If you need alternative accommodations for exams and quizzes, and you have a documentation from the Disability Services for Students, we can arrange reasonable accommodations.

Academic Honesty: Students are expected to be honest in all academic work. The resolution of any charge of cheating or plagiarism will follow the guidelines set forth in the University Manual 8.27.10 - 8.27.20.