

Math 211, Differential Equations and Linear Algebra

Instructor: Christopher Davis,
Office: HB 45
Office Hours: Wednesday 1-2PM, and Fridays 2-3PM
Email: cwd1@rice.edu
Webpage: math.rice.edu/~cwd1
Textbook: *Differential Equations*, Second Edition
Polking, Boggess, Arnold
Classroom: Herman Brown 427

Attendance: There is no grade given for attendance, but it is the student's responsibility to inform the instructor of any planned absences and to catch up on missed material.

Course outline: This course will follow along with the textbook doing chapters 2, 4, 7, 9, and 10. We will study a variety of differential equations and their solutions. We will also learn about linear algebra and how it can be used to find solutions to systems of differential equations. Also, we shall discuss analysis of general differential equations and the phase plane.

Grade Policy: Grades will consist of approximately weekly homework assignments, two midterms and a final exam, weighted as follows:

Homework	25%
Midterm	20%
Midterm	20%
Final	35%

Homework: Homework assignments and due dates will be given in class and posted on the schedule. As said above homework will be collected weekly. I intend to add to the weekly homework assignments after class on Tuesday and Thursday. It will be listed on the course webpage and on OWLSPACE. It will not be pledged; Feel free to work together or with your instructor, but write up your own solutions. Late homework will not be accepted, but the two lowest grades will be dropped.

Exams: All exams will be in class. They will be pledged, and the dates will be available on the schedule.

Final Exam: The final exam will be comprehensive and given within the week allotted for finals (December 9-16). The date has yet to be determined. Until the date has been decided, do not make plans to leave that week. In accordance with Rice policy, an exam can only be rescheduled in the case of an emergency.

Disability support: It is the policy of Rice University, as well as this instructor, that any student with a disability receive fair and equal treatment in this course. If you have a documented disability that requires academic adjustments or accommodations, please speak with me during the first two weeks of class. All discussions will remain confidential. Students with disabilities will also need to contact Disability Support Services in the Ley Student Center.