

Instructor:	Jon Fickenscher	Time:	TTh 9:25-10:40 am
Office:	HB 48	Classroom:	Herman Brown 427
Office Hours:	TBA	Email:	jonfick@rice.edu
Phone:	x2786	Website:	math.rice.edu/~jmf1

Text: *Differential Equations 2nd Edition* by Polking, Boggess & Arnold

Course Overview: This course will follow along with the textbook. 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.

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.

Grades: The final grades shall be calculated as follows:

Homework	15%
Midterm 1	25%
Midterm 2	25%
Final Exam	35%

Homework: Homework assignments and due dates will be given in class and posted on the schedule. 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 10-17). 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.