

MATH 311 – Ordinary Differential Equations
Fall 2008

233110000001: 3:00 – 3:50 pm MWF in Darden 214

Professor: James Vance

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Office Hours: MWF: 12:00 - 3:00

Text: Elementary Differential Equations and Boundary Value Problems, 8th edition, by William Boyce and Richard DiPrima, Wiley.

Prerequisite: Math 205 (Calculus II) with a C or better.

Description and Objectives: Classification of differential equations. A study of first order linear equations, first order non-linear equations, second order homogeneous equations, systems of first order linear equations and systems of higher order. A review of matrices and some applications of differential equations are also included.

Grading: The grade will be based upon three tests (each contributing 100 points), the comprehensive final exam (100 points), and 3 graded homeworks (each contributing 35 points). The course grade will be assigned as follows:

455-505	A
404-454	B
354-403	C
303-353	D
0-302	F

A plus or a minus may be assigned.

Honor System: The University of Virginia's College at Wise Honor System will be strictly enforced. Tests (including the final exam) must be solely the individual's work. Homework, however, may be completed in collaboration with others.

Make-up Policy: Make-up tests will not be given. For an excused absence from a test, the final exam will substitute for that test grade. Late work will not be accepted. (Note: Exceptions to the late-work policy may be made for individuals in the event of serious illness or personal emergency at the instructor's discretion; contact the instructor immediately if such a situation arises. Exceptions generally will be made only if the instructor is notified about any emergency **prior** to the due date of any affected graded work.)

Attendance: Attendance will be taken. You are responsible for all announcements made in class.

Special Needs Students: If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment to talk with me as soon as possible. My office location and hours are above.