

Dr. Yanzhao Cao
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Semester: Fall 2011
Course #: MATH2650
<http://www.auburn.edu/~yzc0009>

Office Hours: 241 Parker Hall 9:30-11 TR and by appointment

COURSE SYLLABUS

Course Title: Introduction to Differential Equations

Text: A First Course in Differential Equations (Second Edition) by J. David Logan, 2010, ISBN # 978-1-4419-7592-8

Course Objectives: To describe various techniques for solving some different types of single ordinary differential equations and system of equations, and to show how they are used.

Topics Covered: We will cover most of the first four chapters of the textbook.

Attendance Class attendance is expected, and you are required to be available for every class meeting of the semester. You are fully responsible for all course topics and material covered and discussed in class; and, for all procedural and administrative information and announcements.

Grade: Your grade is based on the 3 progressing exams (20% each), homework and projects (10%), and final exam (30%). Approximately 8 homework assignments will be collected during the semester.

Grading scale: A: 90-100%, B: 80-89%, C: 70-79%, D: 60-69%, F: 0-59%. Borderline cases shall be assigned either the higher or lower grade at the discretion of the instructor.

Honor Code: Violations of the Academic Honor Code will not be tolerated. They can result in serious academic consequences for you.