Instructor: Slobodan Simić  
Office: 318A MacQuarrie Hall  
Phone: (408) 924-7485  
Email: simic@math.sjsu.edu and slobodan.simic@sjsu.edu (the best way of contacting me)  
Course web page: http://www.math.sjsu.edu/~simic/Spring11/Math133A/133A.html  
Prerequisite: Math 32 (with a grade of "C–" or better) or instructor consent.  
Office hours: MW 11:45-12:45 + 3:00-4:00, Tu 2:30-3:30 (online), and by appointment  
Homework: There will be weekly homework assignments.  
Tests: There will be occasional in-class quizzes (based on the homework), two midterms, and a final exam. The exam schedule is:  
   Midterm 1: March 2  
   Midterm 2: April 13  
   Final exam: Thursday, May 19, 12:15-14:30  

There will be no make-up exams.  

Grading policy: Homework 10%, Quizzes 10%, Midterms 40(= 10 + 30)%), Final exam 40%  

Course objectives: Our main objective is to thoroughly understand the most important methods for solving ordinary differential equations, especially linear systems and second order linear equations. An important goal will also be to explore the dynamical systems approach to ordinary differential equations.  
More generally, my goal is to help you develop your ability for precise and logical mathematical reasoning.  

Participation: During class please feel free to stop me at any time and ask questions. I encourage and greatly appreciate students’ participation. I will add up to five extra points for participation to your final grade.
Feedback: I appreciate constructive feedback which you can give me via the anonymous feedback form on the class web page, by email, or in person.

Policy on calculators: No calculators are allowed on exams.

Academic integrity: From the Office of Student Conduct and Ethical Development: Your own commitment to learning, as evidenced by your enrollment at San José State University, and the University's Academic Integrity Policy, require you to be honest in all your academic course work. Faculty are required to report all infractions to the Office of Student Conduct and Ethical Development. The policy on academic integrity can be found at http://sa.sjsu.edu/student_conduct.

Campus policy in compliance with the Americans with Disabilities Act: If you need course adaptations or accommodations because of a disability, or if you need special arrangements in case the building must be evacuated, please make an appointment with your instructors as soon as possible, or see them during office hours. Presidential Directive 97-03 requires that students with disabilities register with DRC to establish a record of their disability.

Class attendance: According to University policy F69-24, Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading.

Studying at the university level: For this class you will have to toss out any high school notions of teaching and learning and replace them by university-level notions. This means:

- Expect to have material covered at two to three times the pace of high school.
- It is your responsibility to learn the material. Lecture time is at a premium so it must be used efficiently. You cannot be taught everything in the classroom.
- The instructor’s job is to provide a framework, with some of the particulars, to guide you in doing your own learning of the concepts and methods that comprise the material of the course. It is not to “program” you with isolated facts and algorithms.
- You are expected to read the textbook for comprehension. Use pencil and paper to work through the material and to fill in omitted steps.
- Exams will consists of fresh problems based on the material that is being tested.

For more details, see the course web page.