Syllabus for MA 226 B2 Differential Equations

Summer II 2007

Instructor: Sebastian M. Marotta  
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Class meetings: Mondays, Tuesdays and Thursdays 6:00 to 8:30 pm. in MCS B 33.  
Office hours: Tuesdays and Thursdays 3:00 to 4:30 pm.


Description: First-order linear and separable equations. Second-order equations and first-order systems. Linear equations and linearization. Numerical and qualitative analysis. Laplace transforms. Applications and modeling of real phenomena throughout. (Cannot be taken for credit in addition to CAS MA 231.)

Prerequisites: CAS MA 225 or CAS MA 230.

Homework: There will be homework assigned each class. It is essential that you complete the homework assignments as preparation for the tests.

Project: There will be one project assigned on the third week.

Grading Policy: There will be three midterms and a final exam on the following days:

1st Midterm: Monday July 9  
2nd Midterm: Thursday July 19  
3rd Midterm: Tuesday July 31  
Final Exam: Thursday August 9

The Final exam counts for 25% of the grade. Your lowest score on the midterms will count 5% and each one of the other two will count 20% of your grade. Homework will count 20% of your grade. The project will count 5% and attendance will count 5% of the final grade. No make up examinations will be given.

Conduct Code: Students are expected to know and understand the provisions of the CAS Academic Conduct Code with respect to cheating and plagiarism.