Math 3303: Ordinary Differential Equations, Spring 2009

Instructor: Dr. A. Boumenir  
Location: Monday, Wednesday, Friday 11:00-11:50, Boyd 303  
Office: Boyd 321  
Office Hours: Monday, Wednesday, Friday 12:00-15:00 or by appointment  
Contact: 678-839-4131 or boumenir@westga.edu  

Objective: This course is an introduction to differential equations. The student will learn the main methods used to solve simple differential equations and the theoretical side of existence and uniqueness of solutions. Due to its importance in real life applications, and engineering, we shall use Maple, a computer algebra system CAS, to explore topics such as the Laplace transform, Matrices and the numerical integration of differential equations. (TLC-1116) on Fridays.

Tests: There will be 3 class tests, 100 points each, given on Fridays: 
**February 13th, March 27th and April 24th.**

Quizzes: Weekly quizzes are given on Fridays and cover questions from the homework. Each quiz counts 20 points towards your final grade and the best 10 Quizzes are counted.

Final Exam: The final exam is FRIDAY, May 1st 11:00-1:00pm and counts 200 points

Evaluation: Tests 300 points  
Quizzes 200 points  
Final 200 points

Grading: A: 630-700; B= 560-629; C=490-559; D= 420-489; F=0-420

W Deadline: March 2nd is the last day to withdraw with a grade of W.

Attendance: 8 absences lead to WF.

Material: We shall cover all of: Chaps 1--8 from the book.

Maple You can purchase your personal student copy of Maple 12 part of this course at a discounted price. Please visit the link 