

Math 242, Section 003, Fall 2003 Elementary Differential Equations

Meeting Time: TTh 2:00 pm - 3:15 pm, LeConte 115.

Instructor: Borislav Karaivanov, Office: Sumwalt, Rm 206J,
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Office Hours: TW 11:00 am - 12:00 pm, or by appointment.

Prerequisite: Qualification through placement or a grade of C or better in MATH 142.

Text: *A First Course in Differential Equations with Modeling Applications* by Dennis G. Zill (seventh edition).

WWW: This course has its own web page. You can find it at

<http://www.math.sc.edu/~karaivan/Math242/index.html>

Examinations: There will be two tests and one cumulative final exam scheduled as follows:

Test 1 : Thursday, September 25

Test 2 : Thursday, October 30

Final : Wednesday, December 10, 2:00 pm

Homework: Homework problems will be assigned each Tuesday and they will be due a week from the date on which they were assigned. A typical set of homework problems will consist of 4 to 6 problems. I will grade only one randomly selected problem from each set but you are expected to work on and turn in all of them. The homework will be collected at the beginning of the class period without any exception. Do not plan to finish your homework in class. If you know in advance that you will miss a Tuesday class you should try to submit your homework in advance by either placing it my mail box in LeConte (4-th floor), or bringing it to my office in Sumwalt. Have in mind that you will be able to access my mail box only during the working hours of the Math department office (8:00 a.m. - 5:00 p.m.).

Policy on Missed Tests: No make-up tests will be given. Only medical, death in the family, religious or official USC business reasons are valid excuses for missing a test and must be verified by letter from a doctor, guardian or supervisor to the instructor. In the case of an excused test, the half of score on the final exam will replace that of the missed test.

Grading System: Your final score (out of 500 total points) for the course will be computed as follows:

(i) Homework total will count 100/500 (each homework will count 10/500 and only the best 10 homeworks will count).

(ii) Each of test scores will count 100/500 (200/500 for all).

(iii) Final exam will count 200/500.

The course grade will be determined as follows:

$A : 90 - 100, \quad B^+ : 85 - 89, \quad B : 80 - 84, \quad C^+ : 75 - 79,$

$C : 70 - 74, \quad D^+ : 65 - 69, \quad D : 60 - 64, \quad F : \text{bellow } 60.$