

## Math 241, Section 002, Vector Calculus, Fall 2002

**Meeting Time:** MWF 10:10 am - 11:00 am, LeConte 405.

**Instructor:** Borislav Karaivanov, Office: Sumwalt, Rm 206J,  
phone: 576-6350, e-mail address: *karaivan@math.sc.edu*.

**Office Hours:** To be announced

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

**Text:** *Calculus* by D. Varberg E. Purcell and S. Rigdon (eight edition).

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

*Test 1 : Friday, September 20*

*Test 2 : Friday, October 18*

*Test 3 : Friday, November 15*

*Final : Friday, December 13, 9:00 a.m.*

**Homework:** Homework problems will be assigned each Wednesday 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 Wednesday 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, half of the score on the Final exam will replace that of the missed test.

**Grading System:** Your final score (out of 600 total points) for the course will be computed as follows:

(i) Homework total will count 100/600 (each homework will count 10/600 and only the best 10 homeworks will count).

(ii) Each of test scores will count 100/600 (300/600 for all).

(iii) Final exam will count 200/600.

The course grade will be determined as follows:

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

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