

Math 10B - Calculus of Several Variables II
Spring 2011
Discussion Info

Discussion

Instructor : Edward Burkard
Office : Surge 283
Office Hours : Tuesday 13:40-15:30 in Pierce 2429 (tentatively), and by appointment
E-mail : edwardb@math.ucr.edu
Webpage : math.ucr.edu/~edwardb

Section 032 - Friday 10:10-11:00

Location : MSE 103

Section 033 - Friday 15:10-16:00

Location : WAT 1117

Primary Lecture

Instructor : Inês Henriques
Office : Surge 224
Office Hours : Tuesday, Thursday 12:00-13:30, and by appointment
E-mail : ines.henriques@ucr.edu
Lecture Time : Tuesday, Thursday 8:10-9:30
Lecture Location : SPTH 2200

Course Catalog Description : MATH 010B Calculus of Several Variables, 4 units, Lecture, 3 hours; discussion, 1 hour. Prerequisite(s): MATH 010A with a grade of “C-” or better or equivalent. Covers vectors; differential calculus, including implicit differentiation and extreme values; multiple integration; line integrals; vector field theory; and theorems of Gauss, Green, and Stokes.

Discussion Information:

- (1) The most important policy I have is that you be respectful of me and your peers. One thing this includes is cell phone use. It is extremely disrespectful and disruptive when a cell phone goes off during any classroom setting, so please silence your phone during class time.
- (2) Another important policy is: Please DO NOT cheat. It undermines the efforts of you and the other students. Anyone who cheats will be dealt with to the fullest extent of UCR academic policies.
- (3) Attendance in discussion is mandatory.
- (4) There will be quizzes periodically throughout the quarter in discussion. They will be pop quizzes and hence will not be announced ahead of time and can be given at any point in the discussion. I reserve the right to give a pop quiz at any point during any discussion.

Note: This is a representative list of policies, but not all inclusive.

Remarks: As you probably already know, you should do all of your homework as similar questions can often end up on exams. Just so you know, I will not be doing your homework for you; that is up to you. However, I will be more than happy to help you along the way. The point of doing homework is to help you develop methods for solving math problems. Mathematics is more than just a bunch of symbols and numbers, it is a way of thinking. It involves being able to read a question, interpret what it is asking, and using the tools that you have to arrive at a solution. Math is also not just a bucket of formula to memorize, but you need to also learn how to use these formulas. This is where most people have trouble. Even if you do not use math for the rest of your life, the logical and critical thinking skills you will learn, if you study properly, will surely be valuable throughout the rest of your life.