

Math 202/02, Multivariable Calculus, Spring 2000

MWF 1 pm in Carney 009, Th 12pm in Carney 303

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Office hours: MWF 3:15-4:15. I can usually make appointments after 4:15 on these days, as well as Thursdays after 1:30. Tuesdays are reserved for research. Email is great for quick questions or hints, even on weekends, and even on Tuesdays.

Text: The first third of the course will use “First Course in Calculus” 5th ed, by Serge Lang, part V. Then typed notes will be provided for the rest of the course. These will be posted as PDF files on my website. To read or print them, you will need Adobe Acrobat Reader, which you can get from Eaglenet Resources on the BC website.

Prerequisites: Students are expected to have completed Math 103.

Homework: It will be assigned once a week, due the following week, on a day that will be revealed to you when it is assigned. LATE HOMEWORK WILL NOT BE ACCEPTED. Your lowest two homework scores will not count, so missing up to two assignments will not harm your grade.

Exams: We will have two in-class exams, and a final exam.

In Class Exam Dates: Feb 25, March 14, both Fridays.

Final Exam: Monday, May 8, 12:30 pm.

Grading: Homework: 30%, Exams: 20% each, Final: 30%.

Your final letter grade will be at least as follows, depending on your total percentage

A:93+, A-:90-92, B+:87-89, B:83-86, B-:80-82, C+:77-79, C:73-76, C-:70-72, D+:67-69, D:63-66, D-:60-62, F:59-.

Your grade may be raised slightly, but not lowered, by factors impossible to predict at this time. For example, if you get 92, but it's the highest grade in the class, you will probably get an A, but you are guaranteed at least an A-. If you get 93, you will get an A automatically. This upward fudging is entirely at my discretion, and is not to be counted upon. You can ensure a certain grade by getting the corresponding score listed above.

Ban on Calculators: You will not use hand-held calculators on the exams, or on regular homework. However, some homework will involve computer graphics, using Mathematica . I will tell you how to download and use this software. The basic rule is: If it can be done with a pencil, then we don't use machines. If we need a machine, then we don't mess around.