

Syllabus
Math 251, Section 201: Multivariable Calculus
Fall 2005, MWF 1–2:05 pm, MP 104

Instructor: Dr. Minkoff

Office: 440 Math and Statistics (MP)

Phone: 410–455–3029

Email: sminkoff@math.umbc.edu

Website: <http://www.math.umbc.edu/~sminkoff>

Office Hours: Monday 4–5 pm and Wednesday 11:00 am–12:00 noon or by appointment.

Prerequisite: Math 152 (or a comparable course).

Text: *Multivariable Calculus*, 5th Edition, by Stewart. Publishers: Brooks/Cole, 2003.

The course will cover Chapters 13–17.

Grades:

Homework	15%
Test 1	20%
Test 2	25%
Quiz	10%
Final Exam	30%
<hr/>	
Total	100%

Calculators: You are allowed to use calculators and software tools such as Mathematica, Maple, and Matlab on your homework assignments. However, since the exams are designed to test your *understanding* of the underlying concepts covered in this class, *calculators will not be permitted (or necessary) for use in the exams.*

Homework: Homework will be assigned and collected once a week (on Fridays). The homework should be turned in at the START of class on Friday or can be slipped under my office door *prior* to class on Friday if you must miss class for some reason. Late homework will not be accepted. Whenever possible, homework will be graded and returned within one week of being collected.

Each week the homework assignments will consist of “recommended” and “required” problems. You should turn in the “required” problems *only* for grading. It is possible not all required problems will be able to be graded each week depending on the size of the assignment. The “recommended” problems should not, however, be turned in for grading. To maximize your ability to learn the material, I suggest you work as many of the total problems assigned each week as possible. Although the recommended problems will be odd-numbered problems with answers in the back of the text, work these problems (going back to study the material if you cannot

work them), before checking answers in the text. *Material from the recommended problems is fair game for the exams.*

In order to learn the concepts and be able to apply them to solving problems on exams, etc., you are strongly encouraged to devote as much time as possible to working the homework problems. I encourage you to discuss the homework problems with other students in the class. However, I expect the homework you submit for grading to be written up by you alone.

Tests: There will be two in-class (hour) tests (not including the final exam) and one short quiz. No make-up exams will be given except *possibly* in the case of a serious emergency. In such a case I *must* be notified *in advance*. There will be no exceptions to taking the final exam at the date, time, and place specified by the University (Friday 12/16/05 from 1–3 pm in MP 104). The final exam will be comprehensive.

Academic Conduct:

I take academic dishonesty *very seriously* and will not tolerate it in this class in any form. Academic misconduct includes willfully cheating on or giving aid during an exam or copying homework assignments (computer or paper and pencil). Blatant copying on an exam, homework assignment, or computer assignment will result in a grade of zero for that work.

The university now stipulates that the following be included in all class syllabi:

By enrolling in this course, each student assumes the responsibility of an active participant in UMBC's scholarly community in which everyone's academic work and behavior are held to the highest standards of honesty. Cheating, fabrication, plagiarism, and helping others to commit these acts are all forms of academic dishonesty, and they are wrong. Academic misconduct could result in disciplinary action that may include, but is not limited to, suspension or dismissal.

To read the full Student Academic Conduct Policy, consult the *UMBC Student Handbook*, the *Faculty Handbook*, or the UMBC Policies section of the *UMBC Directory*.

Class Attendance: I expect students to attend class and to turn up **on time**. Rarely do students do well in classes which they do not attend, and I will be less likely to give outside assistance to students who regularly miss class. Further, students arriving late for class disrupt the entire class. Students who consistently turn up more than a few minutes late for class or who regularly miss class will be docked points from their final grade.

Email: I am happy to answer questions about the class via email. However, it is much better for you if we can talk in my office at the board. Answers given over email will be brief and intended merely to answer your direct question rather than to explain concepts. I reserve the right not to respond to email if I feel it would be best for the student to discuss his/her question in person during my office hours.

Important Dates:

Date	Notes
8/31/05	First day of class
9/14/05	Last day to register and last day to add/drop
9/19/05	Exam 1
9/28/05	Last day to drop class (without “W” on transcript)
10/21/05	Exam 2
11/9/05	Absolute Last day to drop class
11/14/05	Quiz
12/13/05	Last day of classes
12/16/05	Final Exam