MA225 A1 - Multivariate Calculus - Spring 2015

Contact Info

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Teaching Fellow:	Lily Chou
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Class Details

Lecture A1	MWF 9-10	STO B50
Discussion A2	W 12-1	PSY B45
Discussion A3	W 3-4	PSY B43
Discussion A4	W 4-5	PSY B45
Discussion A5	Th 8:30-9:30	CAS B06A
Discussion A6	Th 9:30-10:30	CAS 227

Grading

Graded Item	Weighting
Homework	10%
Best in-class test	25%
Second-best in-class test	25%
Worst in-class test	10%
Final Exam	30%

Exam dates

Exam	Date
In-class test 1	Friday, February 13
In-class test 2	Wednesday, March 25
In-class test 3	Friday, April 24
Final Exam	Please see BU exam schedule

Textbook and topics covered

The book we will use is "Calculus: Early Transcendentals," by Briggs and Cochran, 2011 (First Edition). We will cover chapters 11 - 14.

Lecture and discussion

You are strongly encouraged to attend both lecture and your discussion section. Lecture is a time not only for you to hear the material presented, but for you to ask questions about any aspect you do not understand; you are also strongly encouraged to participate during lecture in this way. Discussion is primarily a time for you to clarify any remaining questions about the material from lecture, and to get help with the homework problems. Do to space restrictions, please only attend the discussion you are registered for.

Homework

Homework assignments will be given every week and collected every week (except the first week of class) at the end of your discussion section. Therefore, the due date for your homework assignment is determined by the day of the week during which you have discussion. If you are unable to attend discussion, you may alternatively put your HW in your TF's mailbox in the main math office (MCS 142) before the *beginning* of your discussion section. Late assignments will not be accepted, and there will be no makeup HW for any reason. Your lowest two HW grades will be dropped.

The assignments will be posted on the course webpage (see link above). The numbered problems in each assignment will correspond to the numbering in the textbook. Each assignment will be worth 10 points, determined as followed. Up to six points will be awarded based on the extent to which you attempted all problems - so if you made a concerted attempt at each problem, you will get all 6 of these points. Up to three points will be awarded based on whether or not you correctly answered three selected problems from that week's assignment. You will not be told in advance which three problems will be selected for this purpose, and there will be no partial credit within these three points - one point for correctly answering each of the selected problems. The remaining point will be awarded by default to everyone, however if your work in messy or difficult to grade for any reason (poor handwriting, not stapled, messy paper edge from paper torn out of a spiral notebook, no name or discussion section on your assignment, etc), you will not receive this point. Please make sure your HW is neat, stapled if there are multiple pages, and that your **name, BU ID number, and discussion section** are clearly written on the front of your assignment. You are encouraged to work together on the HW, but your write-ups must be your own. If any people turn in HW that appears to be identical, this could be considered plagiarism.

MyMathLab: you do not need to use MyMathLab for any reason during this course. However, I will put HW assignments there, which correspond as much as possible to the weekly HW from the book that will be collected and graded. This is simply for people who like the instant feedback MyMathLab provides in telling you if an answer is correct or not, or like using the MyMathLab interface for any other reason. Note that the problems on MyMathLab will probably not be exactly the same as the ones that will be collected, since MyMathLab tends to changes some of the numbers that appear within each problem. So the correct answer for the MyMathLab problems will not necessarily be the correct answer for the collected problems.

In-class tests and Final Exam

There will be three in-class tests on the dates listed above. Of these, your two best scores will each be worth 25% of your final grade, and the worst score will be worth 10% of your final grade. I will tell you exactly what material the in-class tests will cover at least one week in advance and post this information on the website. The final will be cumulative, held during the time specified by the BU final exam matrix schedule, and worth 30% of your final grade. You may not use your book, notes, or a calculator on any of these tests. Please make sure you bring your BU ID to these tests. Note that there will not be time for any review lectures before the in-class tests or final exam.

Make-up tests/exams

I do not give make-up tests unless you have a legitimate excuse, such as a serious illness or family emergency. In such a circumstance you must provide a written excuse. If possible, please discuss this with me in advance. Please note the date and time of the final exam and make your travel plans accordingly. University policy states that you must take the final exam at that time.

Test/exam regrading

If you feel that any aspect of your in-class test or final exam was incorrectly graded, you may submit it to me for regrading. This must be done within one week of receiving your graded exam, and **you should *not* specify which part you feel was incorrectly graded**. Please note that in this case **I will regrade the entire exam**. While I am aware that mistakes in grading do occur, we do our best to ensure that partial credit is allocated in a uniform way amongst all students. Therefore, this process should not be used simply because you feel you should have received more partial credit for a particular problem. It is only if you think there was a genuine mistake in the grading. Please be aware that it is possible for your grade to go down if you submit your exam for regrading.

MyMathLab

You do not need to use MyMathLab for any reason. However, you may choose to do so if you find it helpful. (Please see the comments regarding this under the "Homework" section of this syllabus.) All class announcements will be sent via email and posted on my webpage (link at the beginning of this syllabus).

Extra help

Please get help from me or any other appropriate source if you do not understand something. Please don't be afraid/embarrassed/etc to ask for help. It is most effective if you do so as soon as you feel you need it. Waiting until just before the final exam is generally not a good idea. Ways to get help; all of these are free:

1. Come to my (or the TF's) office hours or email me (or our TF).

2. Go to the tutoring room, MCS B24, where there are graduate students to help you most days from 10am-4pm. The full schedule is at

   http://www.bu.edu/math/undergraduate/resources/tutoring-room-schedule/

3. Prof. Diane Meuser also offers math help in the Rich Hall Cinema Room, First Floor of Rich Hall, West Campus, on Tuesdays from 7:30-10:30pm. For more details, check her webpage

   http://math.bu.edu/people/dmm/FacRes/mathhelp.html

4. In addition, you can get free peer tutoring from the Educational Research Center. For more information, see

   http://www.bu.edu/erc/tutoring/

Academic conduct

Plagiarism and cheating are not tolerated under any circumstances. Please refer to the BU academic conduct code if you are unclear about what constitutes appropriate behavior.