SYLLABUS FOR MA 230, SPRING 2010

Professor: Maciej Szczesny
Office: MCS 236
Email: szczesny@math.bu.edu
Office Hours: MW 1-2
Lecture: MWF 12-1, MCS 149.
Discussions: W 3-4, MCS B33.

General overview: This is an honors section of Multivariable Calculus, covering differential and integral calculus in three-dimensional space. The plan is to cover all eight chapters of the book, including techniques/applications not normally covered in a standard multivariable course. You are expected to read the text thoroughly, and prepare for upcoming lectures ahead of time.


Course Web Page:

Homework: Homework will be assigned each class, and posted online. A subset will be collected. No late homework will be accepted. The lowest homework grade will be dropped. After completing each section of the book, please do the corresponding homework problems.

Quizzes: There will be a quiz in each discussion section on the previous week’s homework. The problems will closely follow the odd problems assigned. No make-up quizzes will be given. However, your lowest quiz grade will be dropped.

Exams: There will be two in-class midterms of and a 2 hour final exam at the end. The dates are as follows:

   Exam II    Wed., April 7.
   Final Exam: Thurs. May 6, 3-5 PM.

Note: No calculators, books, notes, or cellphones are allowed during midterms and quizzes. An 8.5”x11” note sheet (double-sided) is allowed during the final exam.
No make up exams will be given, with the exception of serious illness, in which case you will be required to provide a note from a physician.

Important Dates: The last day to drop the course without a "W" is Feb. 18 and with a "W", April 5.

Grading Policy:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework</td>
<td>10%</td>
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<tr>
<td>Quizzes</td>
<td>10%</td>
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<tr>
<td>In-class Exam I</td>
<td>25%</td>
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<tr>
<td>In-class Exam II</td>
<td>25%</td>
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<tr>
<td>Final</td>
<td>30%</td>
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The minimum final grades based on the above breakdown are guaranteed to be as follows: **A** 90-100 %, **B** 80-89, **C** 70-79, **D** 60-69.

Academic Honesty: You are encouraged to discuss homework problems with other students. However, your write-ups should ALWAYS be your own. If you are caught plagiarizing, you will be referred to the University Academic Standards Committee for disciplinary action.

Help outside of class:

1. You are very much encouraged to attend my office hours and those of your teaching fellow.
2. Math help is available during most days in MCS 144, 10 AM - 4 PM.
3. Diane Meuser, one of our BU math professors holds Math Help sessions Tuesdays 7:30-10:30 PM in Claffin Hall, West Campus.
4. The Educational Resource Center, located at 775 Commonwealth Ave., 4th floor, offers peer tutoring as well as math drop-in tutoring. Their website is: [http://www.bu.edu/erc/index.html](http://www.bu.edu/erc/index.html)
5. A list of paid tutors is available from the math dept. office in MCS 142.

Standards of Civilized Behavior: Lecture and discussion is a time devoted to learning. Activities which interfere with this process will not be tolerated. Please turn off your cell-phone before coming to class.