Syllabus
Advanced Calculus II, Math 411
Summer Session 2010

Instructor: Sean Kelly
Office: Math Building 3304
Email: skelly@math.umd.edu

Location: MTuThF 9:30–10:50am in MTH 0104

Web page: http://www.math.umd.edu/~skelly/m411/

Prerequisites: MATH410 and permission of department.


Reading and Quizzes: Each day there will be assigned reading. To enforce this, there will periodically be quizzes based on the reading material. If you have read the section they will be extremely easy and require no math, just the ability to recall what you have read. Sometimes I may ask you to redo a problem you did in the homework.

One quiz will be dropped.

Homework: Homework will be due on Tuesday and Friday of each week. From each homework I will select a few problems to grade. They will be graded according to the following rubric:

1. Little understanding of concepts or question
2. Demonstrates understanding of some key ideas
3. Correct idea, but imprecise/major mistakes
4. Correct solution with a few minor mistakes
5. Perfect solution

It is strongly recommended that you work together on the homework, however what you turn in must be your own work. You should discuss problems and solutions with other students, but do not write anything down; then go away and try writing the problem up on your own. You need to get good at constructing a mathematical proof step by step.

You may use, without proof, any result mentioned in class or proved in a previous homework. You may not use a theorem from the book if we have not covered it yet.

Three homeworks will be dropped. Due to the pace of this course, it is vital that you at least attempt every homework problem.
Point breakdown:

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<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Homework</td>
<td>30%</td>
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<tr>
<td>Quizzes</td>
<td>10%</td>
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<tr>
<td>Exams</td>
<td>30%</td>
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<tr>
<td>Final Exam</td>
<td>30%</td>
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Missed Quiz/Homework/Midterm Policy: There will be no makeup quizzes in any circumstances nor will late homework be accepted in any circumstances. There will be no makeup midterms. The weight of a missed midterm will be shifted to the final exam if the absence is in accordance with the campus policy:

http://www.testudo.umd.edu/soc/atedasse.html

The reason for absence must be unavoidable, documented, and reported to me as early as possible.

Students with disabilities: The University of Maryland provides upon request appropriate academic accommodations for qualified students with disabilities. Students who seek special accommodations due to disabilities must first set up an appointment with Dr. Jo Ann Hutchinson or her staff at the Disability Support Services (DSS) in the Counseling Center, 314-7682. Students should download the DSS registration forms and bring appropriate documentation to the DSS office (Shoemaker 0126) prior to the meeting.

Academic Integrity: You are expected to abide by the University’s policy on academic integrity:

http://studenthonorcouncil.umd.edu/code/html

All cases of academic dishonesty will be referred to the Office of Student Conduct. Academic dishonesty includes cheating on quizzes and exams. For the purposes of this course it is permissible (even encouraged) to work together on homework assignments, however all written assignments must be written entirely in your own words.