Math 299 Z: Calculus Refresher

General Information:
Instructor: Melissa Dennison
E-mail: masimmon@math.uiuc.edu
Office Hours: Mon 11-noon, Fri 1-2pm (in 239 Altgeld), or by appt.

Websites:
Calculus and Mathematica Website: http://cm.math.uiuc.edu
Classcomm website: http://cm.math.uiuc.edu/classcomm
My website for Math 299: http://www.math.uiuc.edu/~masimmon/299

Text:
There is no printed textbook for this course. Instead all your lessons and homeworks are on ClassComm. Go to the website above to access the Mathematica documents for this course. The lessons and homework for each section will be found in the folder for the corresponding assignment.

This is your “textbook” for the course. It does not contain the program Mathematica itself, which you will also need access to. Mathematica can be found on computers in many labs around campus or you can buy a student copy at www.cites.uiuc.edu/software.

Grading:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Mathematica Notebooks(7)</td>
<td>45%</td>
</tr>
<tr>
<td>Written Homeworks(8)</td>
<td>25%</td>
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<tr>
<td>Final</td>
<td>30%</td>
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\[ A \quad 90 - 100\% \]
\[ B \quad 80 - 89\% \]
\[ C \quad 70 - 79\% \]
\[ D \quad 60 - 69\% \]
\[ F \quad 0 - 59\% \]

The final grade is subject to the condition that you cannot obtain more than one letter grade higher than your Final Exam. That is, your percentage average in this course will be truncated at 10% higher than your Final Exam score.
Exams:
Our final exam is cumulative and will be held Wednesday, May 12th at 1:30PM. A conflict exam time will be offered, if need be. The final exam will be written and calculators will not be needed or allowed, however, the exam will be open-note. You may bring handwritten notes with you to the final exam. Do not bring any typed notes (printed copies of the review problems from my site are not allowed in the exam). The review problems on my webpage should serve as a guide to the types of problems you should expect on the exam.

Mathematica Notebooks:
All homework assignments will be posted on ClassComm. You are expected to check ClassComm frequently as this is how you will be notified about assignments, exams, etc. The Mathematica Notebooks can be done individually or in groups of 2-3. Submit only one assignment per group with the names of the group members typed at the top. There must be sufficient work along with your answers. Type out your solutions in complete sentences and highlight all your work in a crazy color so we can see it clearly.

Homework will always be due at 11:59PM. Late assignments will be accepted with a penalty of 10% per day up to 3 days. After 3 days, the folder is locked and no more assignments are accepted. ALWAYS back up your work!

Written Homework:
Your written assignments are also listed on ClassComm. You should either scan and submit your written homework into the designated folder on ClassComm by 11:59PM on the due date, or deposit your written homework into my mailbox in 250 Altgeld by 5:00PM on the due date. You may work together on written homework, but each person must write up their solutions separately and submit them individually. Answers which correspond with another students answers verbatim are not accepted.

Working on Assignments:
There are many labs on campus that have Mathematica. Specifically, 24 Illini Hall - which is open whenever there are classes (see the sign on the door), 239 Altgeld - which is open Mon-Fri 8-4 and Sun-Thur 7-9pm, and Granger Engineering Library.

If you would rather work from home, you need a student copy of Mathematica. You can buy a student copy of Mathematica at: http://www.cites.uiuc.edu/software.
Links are posted on the ClassComm page.

**Odds and Ends:**

We will not meet in the classroom, except for the final exam. If you have questions about *Mathematica* or the material, you may send an e-mail to myself or one of our CA’s, or you are welcome to attend our office hours. I will hold extra office hours the first week to help get you started. It is easy to fall behind in a self-paced course. Make sure you start each assignment with plenty of time left to ask questions. Don’t wait until the day it’s due to start! This type of course may take some getting used-to, but I’m sure we’ll have a great (half) semester!