Mathematics 1501 (Calculus I)  
Fall Semester 2007  
W. L. Green

1. **General Information.** This course meets for lectures on Mondays, Wednesdays, and Fridays at 2 PM in Physics Lecture Room 4, and in recitation sections on Tuesdays and Thursdays at 2 PM in various rooms in the Skiles Building. Please make sure you are attending the right lecture and recitation sections so that we can give you a grade at term’s end. My office is in Room 134 of Skiles Building, my office phone is 404-894-4312, and my e-mail address is green@math.gatech.edu. My office hours are Mondays and Wednesdays from 3:30 to 4:30 PM, or by appointment. Your teaching assistants will set their own office hours.

2. **Material.** The text for this course is Salas, Hille, and Etgen, *Calculus, One and Several Variables, 10th Edition.* The material for the course is in Chapters 1 through 8 and in parts of Chapters 10 and 11. There will be some additional required readings available as Web notes.

3. **Homework and Tests.** Homework will be assigned, but will not be collected. It will be discussed in the recitation sections. I strongly urge you to do all of the assigned problems. (See the link on my Web page [http://www.math.gatech.edu/~green](http://www.math.gatech.edu/~green), which will lead you to a list of all the problem assignments.) Choosing additional problems for drill as needed is a very good idea. There will be five hour-long tests and a final examination. Tentative dates for hour tests are

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September 6 (Thursday)         Hour Test 1
September 25 (Tuesday)         Hour Test 2
October 18 (Thursday)          Hour Test 3
November 8 (Thursday)          Hour Test 4
November 29 (Thursday)         Hour Test 5
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**Please let me know of any conflicts with these dates immediately.**

4. **Grading.** The hour tests and final examination will be counted with the following weights.

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Hour Tests (4 of them)          1/6 each
Final Examination              1/3
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In computing the final average, I will drop one absence from an hour test, or the lowest grade if all five have been taken.

**Note:** For each student, only four of the hour examinations will count. The purpose of the extra examination is to cover necessary absences. In the event that a student has more than one excused absence, I will make an arrangement to see that the student is not penalized. It is the student’s responsibility to inform me of any potential conflicts with examination dates in a timely manner.
Letter grades will be based on the overall average at the end of the quarter, according to the scheme

\[
\begin{align*}
90 \leq x & \quad \text{A} \\
80 \leq x & \quad \text{at least B} \\
70 \leq x & \quad \text{at least C} \\
60 \leq x & \quad \text{at least D} \\
x \lt 50 & \quad \text{F}
\end{align*}
\]

That is, I may "curve up", but experience shows that final averages below 50 are generally not sufficient for passing.

Students with questions regarding the grading of a test must return the test to Prof. Green (not to the Teaching Assistant), with a note on a separate piece of paper, explaining the question, **within one week of the date the test was given**.

5. **The Honor Code.** It is the responsibility of each of us to be aware of the provisions of the Institute’s honor code and to adhere scrupulously to a policy of academic honesty. The Honor Code protects the integrity of the Institute’s degrees, and any violation of the code is a very serious matter. If you wish to know whether some action or procedure is allowed under the code, please ask before you act. The Honor Code can be found at

   [http://www.deanofstudents.gatech.edu/integrity/policies.php](http://www.deanofstudents.gatech.edu/integrity/policies.php)

6. **Policy on tests and calculators.** It is not my intention to discourage the use of calculators, but calculators do vary greatly in their capabilities. In order to make sure that no student has an unfair advantage, we will NOT allow their use on examinations.

   All examinations in this class will be closed book, and without cooperation. You are, however, allowed to bring to the examination **ONE** sheet of paper, of size 8.5 by 11 inches, prepared with formulas, etc.

7. **Schedule.** A tentative schedule for the lectures will be posted on my web page, along with this set of procedures and the problem assignments. Please read the sections of the text and the web notes at the times specified in this schedule and do the problems from the corresponding sections as we cover them in lecture.

8. **Additional Resources.** Please make use of the many additional resources, including projects, sample tests, and supplementary notes, available on the World Wide Web at the site [http://www.math.gatech.edu/~bourbaki/math1501/html/](http://www.math.gatech.edu/~bourbaki/math1501/html/). Some of these resources were written in past years and may make reference to an earlier edition of the text, so please check. The required web notes for certain sections of our coverage can also be found at this site.

9. **A final piece of advice:** The pace in this course is fast, so please don’t get behind. It is very difficult to catch up if you do. Good luck, and welcome to the Institute.