1. **General Information.** This course meets for lectures on Mondays, Wednesdays, and Fridays at 11 AM in Physics Lecture Room 4, and in recitation sections on Tuesdays and Thursdays at 1 PM in various rooms in Skiles and SST Buildings. 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 (tentative) are Mondays, Wednesdays, and Fridays from 1:00 to 2:00 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, 9th Edition* (ISBN 0-471-23120-7). The material for the course is in Chapters 1 through 8 and in the first part of Chapter 10 (Sections 1 through 3). There will be some additional required readings available as Web notes.

3. **Homework and Tests.** Homework will be assigned, but will not generally be collected. It will be discussed in the recitation sections. I strongly urge you to do all of the assigned problems. (See the listing on my Web page [http://www.math.gatech.edu/~green](http://www.math.gatech.edu/~green), where assignments will be posted as we progress through the syllabus.) 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

   - September 2 (Thursday)  Hour Test 1
   - September 21 (Tuesday)  Hour Test 2
   - October 14 (Thursday)   Hour Test 3
   - November 2 (Tuesday)    Hour Test 4
   - November 18 (Thursday)  Hour Test 5

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.

<table>
<thead>
<tr>
<th>Test Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hour Tests (4 of them)</td>
<td>1/6 each</td>
</tr>
<tr>
<td>Final Examination</td>
<td>1/3</td>
</tr>
</tbody>
</table>

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 & \text{A} \\
80 & \leq x & \text{at least B} \\
70 & \leq x & \text{at least C} \\
60 & \leq x & \text{at least D} \\
x & < 50 & \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.

Please be aware of the Institute’s honor code and adhere scrupulously to a policy of academic honesty. If you wish to know whether some procedure is allowed, please ask me. Calculators are allowed on the work in this course, but wherever it is reasonable to do so, you should provide an exact answer (e.g. 1/7) rather than an approximation (e.g. 0.14 for 1/7). All examinations are closed book, and without cooperation.

5. **Schedule.** A tentative schedule is attached. Please read the sections of the text and the web notes at the times specified in this schedule.

6. **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 from this site.

**First assignments:**

Section 1.2: 21-22, 31, 33, 44-45
Section 1.3: 1, 7, 13, 29, 36, 50
Section 1.4: 3, 5, 19, 31-32
Section 1.5: 19, 23, 29, 37, 45, 47, 63
Section 1.6: 29-34, 57
Section 1.7: 7, 11, 23, 25, 29, 43
Section 1.8: 1, 5, 9