1. **General Information.** This information sheet, as well as homework and computer assignments, are available on the web at www.math.gatech.edu/~andrew. The School of Mathematics has prepared additional resources for Math 1501, including sample tests, Maple worksheets and projects, and supplementary notes. These may be found at www.math.gatech.edu/~bourbaki/math1501/html or may be reached from my web page.

This course meets for lectures on Mondays, Wednesdays, and Fridays from 10:05 to 10:55, and in recitation sections on Tuesdays and Thursdays from 10:05 to 10:55. You must attend your assigned recitation section.

My office is 164 Skiles Building, my office phone is 404-894-2719, and my e-mail address is andrew@math.gatech.edu. Office hours are Monday and Wednesday 12:30 - 1:30, Friday 11:30 - 12:30 or by appointment.

2. **Text and Material.** The text for this course is Salas, Hille, and Etgen, *Calculus - one and several variables, eighth edition*. We will cover chapters 1 through 8, and parts of chapter 10. In broad outline, we will cover the theory and applications of differentiation and integration of functions of one variable. A detailed course outline is posted on my web page.

3. **Computer Projects.** This section of Math 1501 will be enhanced with two computer assignments using the Computer Algebra System *Maple*. These assignments will be posted on my web page. I urge you to use *Maple* not only on the computer assignments, but in your other course work as well.

General guidelines for projects are

- a. You are to do the computer projects in teams of two or three students. You may not do the projects individually – you must be part of a team. Tell your Teaching Assistant the names of your first project team's members no later than Thursday 6 September.
- b. The teams are to work independently of each other. You may not consult with other teams, but you are encouraged to ask questions of either Professor Andrew or your teaching assistant.
- c. The members of each team must be from the same recitation section.
- d. You should do each project with a different team of students.
- e. Each member of a team will receive the same grade for the project. Be sure every member participates fully in the work.
- f. Each team should turn in a neat, well-written solution or report, explaining their work. The report should be written so that someone else can read and understand it. The report must include a statement, signed by each member of the group, stating the contribution of each team member.

4. **Homework and Tests.** Homework will be assigned, and will be discussed in the recitation sections. I strongly urge you to do all of the assigned problems, as well as additional problems. Problems from the homework assignments will be collected at some recitation meetings and graded. The problems to be collected are marked on the assignment sheet. Late homework problems will not be accepted, but the lowest score will be dropped.

In addition to the two computer assignments and the graded homework, there will be occasional quizzes in recitation, four hour tests, and a final exam. Quiz dates are indicated on the homework assignment sheet. Dates for hour tests and computer projects are

<table>
<thead>
<tr>
<th>Test/Assignment</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hour Test 1</td>
<td>Thursday 20 September</td>
</tr>
<tr>
<td>Hour Test 2</td>
<td>Thursday 11 October</td>
</tr>
<tr>
<td>Hour Test 3</td>
<td>Thursday 8 November</td>
</tr>
<tr>
<td>Hour Test 4</td>
<td>Thursday 29 November</td>
</tr>
<tr>
<td>Computer Assignment 1</td>
<td>Thursday 18 October</td>
</tr>
<tr>
<td>Computer Assignment 2</td>
<td>Tuesday 20 November</td>
</tr>
</tbody>
</table>
I discourage make-ups. There will be no make-up quizzes, but the lowest quiz score will be dropped. Any student with a valid reason for missing an exam must obtain permission, from Professor Andrew, not from a Teaching Assistant, well before the examination date. Please let Professor Andrew know of any conflicts immediately. Please note that our final examination is now scheduled for the last day of exam week. Do not plan to leave Atlanta before then.

5. Honor Code. Please review the Georgia Tech Honor Code. All examinations in this course are closed book. No notes may be used, but calculators are permitted. Guidelines for collaborative work on computer projects appear above. You must work independently on the homework problems that are collected for grading.

Sample examinations are posted on the Math 1501 web page at www.math.gatech.edu/~bourbaki/math1501/html, and the exams that I have used in previous Math 1501 classes are available from my web page.

6. Grading. The hour tests, computer assignments, and final examination will be counted with the following weights.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recitation score (from TA)</td>
<td>2%</td>
</tr>
<tr>
<td>Homework</td>
<td>4%</td>
</tr>
<tr>
<td>(lowest score dropped)</td>
<td></td>
</tr>
<tr>
<td>Quizzes</td>
<td>4%</td>
</tr>
<tr>
<td>(lowest score dropped)</td>
<td></td>
</tr>
<tr>
<td>Hour Tests</td>
<td>48%</td>
</tr>
<tr>
<td>(12% each test)</td>
<td></td>
</tr>
<tr>
<td>Computer Assignments</td>
<td>10%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>32%</td>
</tr>
</tbody>
</table>

Letter grades will be based on the overall average at the end of the quarter, according to the scheme

<table>
<thead>
<tr>
<th>Grades</th>
<th>x values</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90 ≤ x</td>
</tr>
<tr>
<td>at least B</td>
<td>80 ≤ x</td>
</tr>
<tr>
<td>at least C</td>
<td>70 ≤ x</td>
</tr>
<tr>
<td>at least D</td>
<td>60 ≤ x</td>
</tr>
<tr>
<td>F</td>
<td>x &lt; 50</td>
</tr>
</tbody>
</table>

That is, I may "curve up", but scores below 50 will not be curved up to pass.

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

7. Midterm Grades This year midterm grades (S or U) will be reported in Freshman and Sophomore courses on 12 October. Your midterm grade will be based on the weighted average, as in Section 6 above, of all course work due on or before 4 October, with the S/U cutoff set at 60%. While this "grade" will give you an indication of your performance, please keep in mind that it will be based on only a small fraction of the course. I encourage you to consult with me frequently during the semester.