1. **General Information.** This information sheet, as well as homework and computer assignments, are available on the web at www.math.gatech.edu/~andrew. Additional resources for Math 2401, including sample tests, Maple worksheets and projects, and supplementary notes may be found at www.math.gatech.edu/~bourbaki/math2401/html or from my web page.

This course meets for lectures on Mondays, Wednesdays, and Fridays, and in recitation sections on Tuesdays and Thursdays. You must attend the correct recitation section.

My office is 164 Skiles Building, my office phone is 894-2719, and my e-mail address is andrew@math.gatech.edu. Office hours are Mondays, Wednesdays, and Fridays from 10:30 to 11:30, or by appointment.

2. **Text and Material.** The text for this course is Salas, Hille, and Etgen, *Calculus - one and several variables, eighth edition.* The material for this course is in Chapter 13 (Vector calculus), Chapter 14 (Functions of several variables), and Chapter 15 (Gradients; Extreme Values; Differentials), Chapter 16 (Double and Triple Integrals), and Chapter 17 (Line Integrals and Surface Integrals).

3. **Computer Projects.** This section of Math 2401 will be enhanced with two computer assignments using the Computer Algebra System *Maple.* 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 as follows:

a. You are to do the computer projects in teams of two or three students.
b. The teams are to work independently of each other. You may not consult with other teams, but please feel free 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, but will not be collected. It will be discussed in the recitation sections. I strongly urge you to do all of the assigned problems, as well as additional problems. In addition to the two computer assignments, there will be three hour tests and a final exam. Dates for hour tests and computer projects are
I discourage make-up exams. Any student with a valid reason for missing an exam must obtain permission, from Professor Andrew, not from a Teaching Assistant, well before the examinations date. Please let Professor Andrew know of any conflicts immediately.

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. Sample examinations are posted on the Math 2401 web page at www.math.gatech.edu/~bourbaki/math2401/html.

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

<table>
<thead>
<tr>
<th></th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hour Tests</td>
<td>55% (total)</td>
</tr>
<tr>
<td>Computer Assignments</td>
<td>10%</td>
</tr>
<tr>
<td>Final Examination</td>
<td>35%</td>
</tr>
</tbody>
</table>

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

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

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.