1. **General Information.** This course meets for lectures on Mondays, Wednesdays, and Fridays at 1 PM in Room 240 of the Skiles Building, and in recitation sections on Tuesdays and Thursdays at 1 PM in Skiles 271. Please make sure you properly registered so that we can give you a grade at term’s end. My office is in Room 134 of Skiles, my office phone is 404-894-4312, and my e-mail address is green@math.gatech.edu. My office hours (tentative) are Mondays and Wednesdays from 2:30 to 3:30 PM, or by appointment. Your teaching assistant, Mr. Berglund, will set his own office hours.

2. **Material.** The text for this course is in Marsden and Tromba, *Vector Calculus, 5th Edition*. We will cover Section 1.4 (you have already seen the material in the rest of Chapter 1) and Section 2.1 through 8.4. There will be supplementary material on Newton’s method available on my web pages. For the details of the coverage please see the homework assignment listing, also available on the web. (See the links on my web page [http://www.math.gatech.edu/~green](http://www.math.gatech.edu/~green)).

3. **Homework and Tests.** Homework will be assigned regularly, and some of it will be collected and graded. It will be discussed in the recitation sections. I strongly urge you to do all of the assigned problems. There will be three hour-long tests and a final examination. Tentative dates for hour tests are

- February 6 (Tuesday)       Hour Test 1
- March 6 (Tuesday)          Hour Test 2
- April 10 (Tuesday)         Hour Test 3

Please let me know of any conflicts with these dates immediately.

Makeups are available only for excused absences. A student with a valid excuse must present it to Prof. Green (not to the recitation leader) well in advance of the date of the test in question.

Sample tests are available at [http://www.math.gatech.edu/~bourbaki/math2401/html/](http://www.math.gatech.edu/~bourbaki/math2401/html/). There are a few sample tests from Math 2401 available on my web site (see “Previous Semesters”)

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

- Hour Tests 20% each
- Final Examination 30%
- Homework average 10%
Letter grades will be based on the overall average at the end of the quarter, according to the scheme

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

That is, I may "curve up", but 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/codeofconduct](http://www.deanofstudents.gatech.edu/codeofconduct)

6. **Policy on tests, homework and calculators.** Calculators are allowed. All examinations in this class will be closed book, and without cooperation. You may discuss homework among yourselves, but when you sit down to write up problems to be turned in, you must do that alone.

7. **Schedule.** A schedule of problem assignments will be posted on my web page. Please read the sections of the text at the times specified in this schedule and turn in the problems on time, as specified in that schedule.

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/math2401/html/](http://www.math.gatech.edu/~bourbaki/math2401/html/). Some of these resources were written in past years and may make reference to an earlier edition of certain textbooks, so please check.

**Problems from Section 1.4:** 1-4, 8-9, 12