

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 at 11:05, and in recitation sections on Tuesdays and Thursdays at 1:05. You must attend the correct 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 2:30 - 3:30 and Friday 10:00 - 11:00, 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 is

Chapter 1	Introduction
Chapter 2	Limits and Continuity
Chapter 3	Differentiation
Chapter 4	The Mean Value Theorem and Applications
Chapter 5	Integration
Chapter 6	Applications of the Integral
Chapter 7	The Transcendental Functions
Chapter 8	Techniques of Integration
Chapter 10	Sequences (sections 1 through 4)
Web Notes	Complex numbers

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

- You are to do the computer projects in teams of two or three students.
- 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.
- The members of each team **must be from the same recitation section**.
- You should do each project with a different team of students.
- Each member of a team will receive the same grade for the project. Be sure every member participates fully in the work.
- 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, four hour tests, and a final exam. Quiz dates are indicated on the homework assignment sheet. Dates for hour tests and computer projects are

Hour Test 1	Thursday 21 September
Hour Test 2	Thursday 12 October
Hour Test 3	Thursday 9 November
Hour Test 4	Thursday 30 November
Computer Assignment 1	Tuesday 17 October
Computer Assignment 2	Tuesday 21 November

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.**

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

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

Recitation score (from TA)	2%	
Homework	4%	(lowest score dropped)
Quizzes	4%	(lowest score dropped)
Hour Tests	48%	(12% each test)
Computer Assignments	10%	
Final Examination	32%	

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

90	x	A
80	x	at least B
70	x	at least C
60	x	at least D
$x < 50$		F

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.**