Syllabus for Mathematics 122, Section 004, Fall 2004

TIME AND PLACE: MWF, 12:20 p.m. – 1:10 p.m., BA 002
INSTRUCTOR: Ralph Howard   OFFICE: LC 304   PHONE: 777-2913
OFFICE HOURS: TTh 2:00-3:00pm and by appointment
E-MAIL: howard@math.sc.edu TEXT: *Applied Calculus* by Hughes-Hallet, Gleason, *et.al.*
2nd edition
CALCULATORS: The class demonstrations will be with the TI-83 and most of this should
also apply to the TI-82. There are several types of calculators that will do all that is re-
quired for the class and you are welcome to use them. However for calculators other than
the TI-83 and TI-82 I will not be able to help with the programming.

Tests: There will be three midterms and a final. The midterms count for 100 points
each and the final is 150 points. The dates of the tests are

Test 1	Wednesday, September 22
Test 2	Monday, October 25
Test 3	Monday, November 22
Final	Thursday, December 9, 2:00 p.m.

Homework and quizzes: Homework will be assigned, but not graded. There will be
daily quizzes based on the homework which will count for 100 points. A word of warning:
The quizzes are just to test basic understanding and test questions will definitely be harder
than most of the quiz questions. ***Important note:*** The quiz total counts as much as a test
so it is important that you show up and take the quizzes.

Grading: The there is a total of 550 points possible for the term broken down as
follows:

Three midterms @ 100 points each	300 points
Total for Quizzes	100 points
Final	150 points
Total	550 points

Your grade will be based on the total out of 550. The last day to drop without a grade
of WF is Thursday September 30 and you should have a good idea of where you stand by
then.

There will not be make up exams or quizzes: If you miss a test, then your score
on that exam is 75% of the average of your other test scores including the final. If a second
exam is messed the score on it is zero. Exams will be taken in class on the days listed
above. So don't ask to take an exam early or late because you have to be "out of town" or
some other reason. Late homework will not be accepted. Likewise there will not be make
up quizzes. If you miss a quiz then you lose the points. As a reward anyone who takes all
the quizzes will get 10 extra points. Missing only one quiz is worth 5 extra points. On the
other hand if someone leave class early without permission then I reserve the right to give
them a zero on quiz for the day.

Sharing calculators on quizzes and tests is not allowed: You should bring your
calculator to every class meeting and especially to tests. If you do not bring it them you
will not be allowed to share a calculator with someone else from the class on quizzes or
tests and will thus lose the points on those questions that need a calculator. While some
cell phone have calculators built into them, use of cell phones, even as a calculator, during
tests or quizzes is not allowed.

About partial credit and bad algebra: Some arithmetic errors do not bother me much. If your get in a hurry and get $7 \times 8 = 48$ it is not going to cost you much, provided you are doing everything else correctly. However, there are certain mistakes (all involving misuse of high school in such a way that always gives wrong answers), that will not be tolerated. If you make these mistakes I will mark the entire problem wrong. Here are some examples of zero point errors:

$$\sqrt{x+y} = \sqrt{x} + \sqrt{y}, \quad (x+y)^2 = x^2 + y^2$$

$$\frac{\log(2x)}{2} = \frac{\log(\not{2}x)}{\not{2}} = \log(x), \quad \frac{2x+3y}{3z} = \frac{2x + \not{3}y}{\not{3}z} = \frac{2x+y}{z}$$

This is not meant to scare you, but just to let you know where things stand.

Getting help: Besides my office hours you can get help in the Math Lab. This is a free tutoring service supplied by the mathematics department. There are three locations LeConte 101, the Towers Area located in the ACE office at 1215 Blossom St., and Bates Area ACE office in Bates House by room with pool tables (south of Blatt P.E. Center) Classroom (C104). A tentative version of the schedule is:

	LeConte 101 (803)777-8438	Towers' Area (803)777-0111	Bates Area
Monday	11:00 AM - 4:00 PM	6:00 PM - 8:00 PM	6:00 PM - 8:00 PM
Tuesday	11:00 AM - 4:00 PM	6:00 PM - 8:00 PM	6:00 PM - 8:00 PM
Wednesday	11:00 AM - 4:00 PM	6:00 PM - 8:00 PM	6:00 PM - 8:00 PM
Thursday	11:00 AM - 4:00 PM	6:00 PM - 8:00 PM	6:00 PM - 8:00 PM

An updated version of the schedule is at `http://www.math.sc.edu/mathlab.html`