Syllabus for Mathematics 141, Sections 001 and 002
Spring 2001

INSTRUCTOR: Ralph Howard OFFICE: LC 304 PHONE: 777-2913
OFFICE HOURS:TTh 2:00–3:00p.m., Mon. 3:00p.m.–4:00p.m. and by appointment.
E-MAIL: howard@math.sc.edu
TIME AND PLACE:

- LECTURES: MWF 9:05a.m.–9:55a.m., PSC 104
- RECITATIONS:
  - SECTION 001: TTh 8:00a.m.–8:50a.m., LeConte 113
    TEACHING ASSISTANT: Ronda Sanders
    E-MAIL: rmseller@math.sc.edu
    OFFICE: LeConte 104A
    OFFICE HOURS: TTh 10:10am–11:30am.
  - SECTION 002: TTh 9:05a.m.–9:55a.m., LeConte 113
    TEACHING ASSISTANT: Ronda Sanders
    E-MAIL: rmseller@math.sc.edu
    OFFICE: LeConte 104A
    OFFICE HOURS: TTh 10:10am–11:30am.

TEXT: *Calculus* 8^{th} *Edition* by Varberg, Purcell, and Rigdon
CLASS HOME PAGE: http://www.math.sc.edu/∼howard/Classes/141d/ This is the best place to get information about the class. Homework will be posted on the page along with any other information that you may need.

Grading: There will be three midterms of 100 points each. Homework will be collected and will count for 50 points. There will be in class quizzes that count for 100 points. The Final will count for 150 points. This gives a total of 600 points and you grade will be based on the total out of the 600. In summary:

Three midterms @ 100 points each	300 points
Total for Homework	50 points
Total for quizzes	100 points
Final	150 points
Total	600 points

that the homework counts as much as a test so it is important to spend time on the homework. Letter grades will be assigned to all the tests. In general the curve on the midterms will be A 90-100, B 80-89, C 70-79, D 60-69, F 0-59, but this can vary. The last day to drop is Monday, Febuary 26 and you should have a reasonable idea of where you stand by then.

The dates of the tests will be:

Test 1	Wednesday, February 12
Test 2	Friday, March 21
Test 3	Wednesday, April 23
Final	Tuesday May 9, 9:00a.m.

There will be not make up exams, quizzes or homework: 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 be not make up quizzes. If you miss a quiz then you lose the points. As a reward to anyone who turns on all the homework and takes all the quizzes will get 10 extra points. Missing only one homework or quiz is worth 5 extra points. On the other hand if someone leaves

class early without permission then I reserve the right to give them a zero on the homework or quiz for the day.

Remarks on how the class will be run: Not all of the class time will be devoted to lecture. Some days the class will be split into small groups to work together on problems.

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, Towers' Area, and Bates Area. A tentative version of the schedule is:

	Main Location LeConte 101 (Greene & Pickens)	Towers' Area ACE office in Towers' Lobby (1215 Blossom St. — near Main St.)	Bates Area Bates House Classroom -C104 (South of Blatt P.E. Center)
Monday	11:00 a.m. - 5:30 p.m.	6:00 p.m. - 8:00 p.m.	6:00 p.m. - 8:00 p.m.
Tuesday	11:00 a.m. - 5:30 p.m.	6:00 p.m. - 8:00 p.m.	6:00 p.m. - 8:00 p.m.
Wednesday	11:00 a.m. - 5:30 p.m.	6:00 p.m. - 8:00 p.m.	6:00 p.m. - 8:00 p.m.
Thursday	11:00 a.m. - 5:30 p.m.	6:00 p.m. - 8:00 p.m.	6:00 p.m. - 8:00 p.m.
Friday	11:00 a.m. - 3:00 p.m.	Closed	Closed

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

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 every thing 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.