MATH 126: CALCULUS III

5 BCC credits, Fall 2004:  A:  MTThF 7:00–8:00 at NHS 306
B:  MTF 8:25-9:20 W 7:30-9:10 at NHS 301

TEXT: Contemporary Calculus by Dale Hoffman

INSTRUCTOR: Dale Hoffman at BCC: L–200L (425–564–2791 or dhoffman@bcc.ctc.edu)

TESTING & GRADING: (approximately)

3 Tests (1 hour each) ........................................ 210 points
In–class worksheets ......................................... 200 points
Required MAPLE 9.5 assignments .......................... 40 points
Quizzes ......................................................... 80 points

A = 90 – 100% ,  B = 80 – 89% .  If you are not earning an A or B then something is wrong and we will need to fix it. See me.

Missed tests and quizzes MUST be made up promptly at the convenience of the instructor — contact me as soon as you know you will miss a test or quiz. The exact date of each test will be announced at least one week before the test. Quiz dates will be announced at least two days before the quiz. MAPLE 9.5 is a very powerful mathematics programming language that I will use in class to illustrate ideas. There will be a few required MAPLE 9.5 assignments that can be completed at home or in the BCC Science Study Center (BCC room B-113).

IN–CLASS WORKSHEETS

These worksheets are a vital part of the class and are a time to practice the techniques and use the concepts we cover. Typically they will occur every other class period. You will work in groups of 3 or 4 student, but each person will turn in a worksheet. Using this arrangement you will get feedback every couple days about how you are doing, and there will usually be very little need to do much additional homework. (This seemed to work very well the last several years.) Missed worksheets (usually worth 10 points) need to be completed as soon as possible, typically within a day or two, since there is a point penalty for late papers. If you are ill or have extended excused absences, talk with me as soon as possible and we will arrange a schedule for turning in the worksheets and completing any other missed work.

ATTENDANCE:

Since almost all of the learning and activities will occur during class time, it is very important that you be at each class on time. Extensive absences can lower your grade.

COURSE CONTENT:

We will cover chapters 9 and 10 and part of 11 in the text. A few additional topics may be covered in class and in notes supplied by the instructor.

I hope that you find this course worthwhile and enjoyable.