Mathematics 251: Calculus III Math/Phys
Sections 16–18 Fall, 1998

Text: Calculus Early Transcendentals (Third Edition)
by James Stewart, Publisher: Brooks/Cole, 1992

Class meetings: Tuesday, Thursday 4:30–5:50 p.m., ARC 105

Recitations:
Section 16: Friday 9:50 - 11:10 ARC 205
Section 17: Friday 11:30 - 12:50 SEC 212
Section 18: Friday 1:10 - 2:30 ARC 206

Lecturer:
Professor Richard S. Falk
Hill Center, Room 722
telephone: 445-2367 email: falk@math.rutgers.edu
Web pages:
http://math.rutgers.edu/~falk/math251/math251-f98.html (general)
http://math.rutgers.edu/~falk/math251/f98-16-18.html (Sec 16-18)

Recitation Instructor:
Quan Hu
Hill Center, Room 606 email: quanhu@math.rutgers.edu

Grading:
Exam 1 (80 minutes): 20%
Exam 2 (80 minutes): 20%
Quizzes, Workshops, and Computer Assignments: 30%
Final exam: 30%

Exams and Quizzes:
Exam 1 will be given on Thursday, October 8 and Exam 2 on Tuesday, November 17. Nine quizzes will be given in Friday recitation sections.

Students who miss an 80 minute exam will be given a make-up only if they have a valid excuse ("not being ready" is not considered sufficient). They should see me as soon as possible to schedule a make-up. The portion of the grade for quizzes will be obtained by using the 7 best scores (of the 9 quizzes). Since not all quiz scores are included in the grade, no make-up quizzes will be given.

Homework:
Homework assignments for each section of the text are listed in the homework handout sheet. This is meant to be a minimal set of homework problems. After doing these problems, if you do not feel that you understand the material, please come to the TA's or my office hours for help and also do some of the other problems in the section. In addition to the text problems, there will be assignments which use MAPLE, a very useful and powerful computer program that can differentiate, integrate, do symbolic manipulation, perform numerical calculations, and display graphics in two and three dimensions.