INSTRUCTOR: Dr. Philip B. Yasskin
OFFICE: Blocker 620 I
OFFICE HOURS: MW 10:15-11:15 in HELD 004
              Tue 1:00-2:00 in BLOC 620 I or by appointment
OFFICE PHONE: 845-3734
MESSAGES: 845-3261  LEAVE YOUR PHONE NUMBER!
E-MAIL: yasskin@math.tamu.edu
Web Page: http://www.math.tamu.edu/~yasskin/
LECTURE: MWF 11:30 – 12:20 HELD 109
LABS: 504 TTh 5:30-6:20 Tue in BLOC 164  Th (Maple) in BLOC 125
       505 TTh 2:20-3:10 Tue in ZACH 119A  Th (Maple) in BLOC 127
       506 TTh 3:55-4:45 Tue in ACAD 225  Th (Maple) in BLOC 127
REQUIRED TEXTS: Calculus, Early Vectors, Vol II – Stewart & Texas A&M
                 CalcLabs with Maple V – Boggess, Barrow, Belmonte,
                 Massoud, Morgan, Rahe, Stecher, Yasskin
                 Vector Calculus with Maple V, Draft – Belmonte & Yasskin
RECOMMENDED TEXT: Calculus, Early Vectors, Vol I – Stewart & Texas A&M
RECOMMENDED SOFTWARE: Maple V, Release 4, Student Edition
                        with Maple Flight Manual
GRADING: COVERS: POINTS: EXAM DATES:
EXAM 1 thru §8.5  150  Thurs 10/2/97
EXAM 2 thru §9.3  150  Thurs 10/30/97
EXAM 3 thru §10.6 200  Tues 12/2/97
FINAL Ch. 7 – 10  250  Wed 12/17/97, 10:30 – 12:30, HELD 109
              Maple Exam  50  Thurs 10/23/97
LAB/HW/QUIZ  200
TOTAL 1000
I may curve any grade or the total and will then compute the course grade from the
following table:

A = 900 – 1000 points  D = 600 – 699 points
B = 800 – 899 points  F = 0 – 599 points
C = 700 – 799 points

CATALOGUE DESCRIPTION: 152. Engineering Mathematics II. (3-2). Credit 4. I,
II, S  Differentiation and integration techniques and their applications, improper
integrals, approximate integration, analytic geometry, infinite series, power series,
Taylor series. Prerequisite: MATH 151 or equivalent.
DESCRIPTION: This is a second course in calculus for engineering majors and covers chapters 7 through 10 of Stewart. Due to a reorganization of the course sequence, the actual topics differ from those in the catalogue description. The actual topics are: Techniques of integration, improper integrals, approximate integration, applications of integration, 3-dimensional geometry of vectors and curves, partial derivatives and applications, max/min problems. In addition we will use a symbolic computer language called MAPLE.

OTHER POLICIES

1. HOMEWORK may be collected at an assigned class period. Some problems may be graded but you will not know which ones. Late homework will NOT be accepted.

   QUIZZES may be given in lecture or lab and may not be announced. There will be NO make-ups for quizzes.

   LAB REPORTS will be collected at the lab period one week after the lab. Late lab reports will NOT be accepted. On lab reports, students will work in pairs. Each pair will turn in one lab report and receive one grade.

   Homeworks, quizzes and lab reports will each count equally. The lowest two homework or quiz or lab report grades will be dropped. The remaining grades will be averaged and then rescaled to 200 points.

2. MAKE-UPS for MAJOR EXAMS will be given only in case of an absence authorized in the Student Rules. You will need a note from your doctor or your academic advisor. If you know in advance that you will miss an exam, please contact me so that you can take the make-up in advance. If you have trouble reaching me, leave a message with the Math department secretaries (845-3261) and be sure to leave your phone number.

3. ATTENDANCE is REQUIRED. Attendance will be taken in lecture. If you sign the roll sheet, you are expected to remain in the classroom for the entire 50 minutes. More than 2 absences may have a detrimental effect on your grade especially in borderline cases. For the Maple Exam, you may be asked to come to the computer lab at a different time.

4. You will be asked to provide multiple choice SCANTRON forms for exams. You must have your ID with you at all exams. You MAY use a CALCULATOR on the second half of each exam. You will use the COMPUTER during the Maple exam.

5. ©COPYRIGHT Philip B. Yasskin 1997. All material handed out or written on the board or spoken in class or posted on a computer is copyrighted by the instructor. This includes but is not limited to syllabi, homework, quizzes, labs, additional problem sets, in-class materials and exams. Because these are copyrighted, neither you nor anyone else has the right to copy them unless I expressly grant permission.

6. PLAGIARISM. As commonly defined, plagiarism consists of passing off as one’s own the ideas, words, writings, etc., which belong to another. In according with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for plagiarism destroys the trust among colleagues without which research cannot be safely communicated. See the Student Rules under the section “Scholastic Dishonesty.”