MATH 253 Section 501 – 503 P. Yasskin Fall 1996

ENGINEERING MATHEMATICS III

INFORMATION SHEET

INSTRUCTOR:	Dr. Philip B. Yasskin
OFFICE:	Blocker 620 I
OFFICE HOURS:	MW 10:15-11:15 in BLOC 620 I
	Th 10:25-11:00 in BLOC 126 or by appointment
OFFICE PHONE:	845-3734
MESSAGES:	845-3261 LEAVE YOUR PHONE NUMBER!
E-MAIL:	yasskin@math.tamu.edu

LECTURE:		MWF 9:10 – 10:00	HELD 113	
LABS:	501	TTh 8:00-8:50	Tue in BLOC 164	Th (Maple) in BLOC 127
	502	TTh 9:35-10:25	Tue in ENPH 216	Th (Maple) in BLOC 126
	503	TTh 3:55-4:45	Tue in ENPH 207	Th (Maple) in BLOC 126

REQUIRED TEXTS:	Stewart – Calculus, Third Edition
	Belmonte & Yasskin – Vector Calculus with Maple V, Draft
RECOMMENDED TEXT:	Boggess, Barrow, Belmonte, Massoud, Morgan,
	Rahe, Stecher, Yasskin – CalcLabs with Maple V
RECOMMENDED SOFTWARE:	Maple V, Release 3, Student Edition
	with Maple Flight Manual

GRADING:	COVERS:	POINTS:	EXAM DATES:
EXAM 1	Ch. 11	100	Fri 9/27/96
EXAM 2	Ch. 12	100	Fri 10/18/96
EXAM 3	Ch. 13	100	Fri 11/15/96
FINAL	Ch. 11 – 14	200	Mon 12/16/96, 8 – 10 AM, HELD 113
Maple Project 1		50	To be announced
Maple Project 2		50	To be announced
Maple Quiz		50	To be announced
LAB/HW/QUIZ		100	
TOTAL		750	

I may *curve* any grade or the total and will then compute the course grade from the following table:

A = 675 – 750 points	D = 450 – 524 points
B = 600 – 674 points	F = 0 – 449 points
C = 525 – 599 points	

DESCRIPTION: This is a third course in calculus for engineering majors and covers chapters 11 through 14 of Stewart. In addition we will use a symbolic computer language called MAPLE.

CATALOGUE DESCRIPTION: 253. Engineering Mathematics III. (3-2). Credit 4. I, II, S Vector calculus; calculus of functions of several variables, partial derivatives, directional derivatives, gradient, multiple integration, Green's and Stokes' theorems. Prerequisite: MATH 161 or equivalent (e.g. MATH 152).

OTHER POLICIES

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

   QUIZZES will 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 100 points.

2. MAKE-UPS for MAJOR EXAMS will be given only in case of an absence authorized under University Regulations. 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.

4. You may be asked to provide BLUE BOOKS and multiple choice SCANTRON forms. You must have your ID with you at all exams. You MAY use a simple CALCULATOR during exams but NO PROGRAMMABLE, GRAPHICS or ALGEBRAIC CALCULATORS and NO LAPTOP COMPUTERS. You will use the COMPUTER during the Maple quiz.

5. All material handed out or written on the board or spoken in class is copyrighted by the instructor.