

ENGINEERING MATHEMATICS II
INFORMATION SHEET

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
<u>LAB/HW/QUIZ</u>		<u>200</u>	
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."