

MATH 311
Section 200

Topics in Applied Mathematics I, Honors
Linear Algebra and Vector Analysis

Spring 2001
P. Yasskin

Information Sheet

INSTRUCTOR: Dr. Philip B. Yasskin
OFFICE: Blocker 620 I
OFFICE HOURS: MR 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 3:00-3:50 in BLOC 164
TEXT: *Linearity and the Mathematics of Several Variables*
S. Fulling

CATALOG DESCRIPTION: (3-0). Credit 3. I, II, S Matrices, determinants, systems of linear equations, eigenvalues, eigenvectors, diagonalization of symmetric matrices. Vector analysis, including normal derivative, gradient, divergence, curl, line and surface integrals, Gauss', Green's and Stokes' theorems. Prerequisites: MATH 221, 251 or 253 and MATH 308 or concurrent enrollment therein.

GRADING:	POINTS:	DATES:
EXAM 1	100	To Be Announced
EXAM 2	100	To Be Announced
EXAM 3	100	To Be Announced
FINAL EXAM	200	T 5/8 10:30-12:30
PROJECT	50	To Be Announced
HW	100	
TOTAL	<hr/> 650	

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

A= 585-650 points	D= 390-454 points
B= 520-584 points	F= 0 -389 points
C= 455-519 points	

OTHER POLICIES

1. Roll will be taken in lecture. More than 2 absences may have a detrimental effect on your grade especially in borderline cases.
2. HOMEWORK will be collected in lecture. Late homework will be accepted up to one class period late but will lose 50% credit and may not be returned in time to study for exams. Each homework will count equally. The lowest two homework grades will be dropped. The remaining grades will be averaged and then rescaled to 100 points.
3. 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 the instructor so that you can take the make-up in advance. If you have trouble reaching the instructor, leave a message with the Math department secretaries (845-3261) and *be sure to leave your phone number*.
4. You may be asked to provide BLUE BOOKS. 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.
5. © COPYRIGHT Philip B. Yasskin, 2000. 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 the text, syllabi, homework, quizzes, additional problem sets, in-class materials and exams. Because these are copyrighted, neither you nor anyone else has the right to copy them unless the instructor expressly grants permission. You may print a single copy for your own use, no multiple copies.
6. PLAGIARISM: As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writings, etc., which belong to another even if you have permission of the other person.. In accordance 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."