

MATH 311  
Sections 301, 302

Topics in Applied Mathematics I  
Information Sheet

Summer 2001  
P. Yasskin & J. Ward

DESCRIPTION: Linear Algebra and Vector Analysis  
LECTURE: 301 MWF 10:00-11:25 ZACH 105B  
302 MWF 12:00-1:25 BLOC 114  
TEXT: *Linear Algebra and Vector Calculus at Texas A&M* S. Leon & S. Colley  
HOME PAGE: <http://calclab.math.tamu.edu/docs/math311/>

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.

PART I: (First 5 Weeks)

INSTRUCTOR: Dr. Philip B. Yasskin  
OFFICE: Blocker 620 I  
OFFICE HOURS: MW 1:30-2:30 in BLOC 620 I  
OFFICE PHONE: 845-3734  
MESSAGES: 845-3261 LEAVE YOUR PHONE NUMBER!  
E-MAIL: [yasskin@math.tamu.edu](mailto:yasskin@math.tamu.edu)  
WEB PAGE: <http://www.math.tamu.edu/~yasskin/>

PART II: (Second 5 Weeks)

INSTRUCTOR: Dr. Joseph D. Ward  
OFFICE: Milner 305  
OFFICE HOURS: To Be Announced  
OFFICE PHONE: 845-1169  
MESSAGES: 845-7554 LEAVE YOUR PHONE NUMBER!  
E-MAIL: [jward@math.tamu.edu](mailto:jward@math.tamu.edu)  
WEB PAGE: <http://www.math.tamu.edu/~jward/>

GRADING: POINTS: DATES:

Exam 1	100	F	6/29/01
Exam 2	100	301 T	8/7/01 10:30-12:30
		302 T	8/7/01 1:00-3:00
Quizzes	100	About every other day	
TOTAL	300		

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

A=	270-300 points	D=	180-209 points
B=	240-269 points	F=	0 -179 points
C=	210-239 points		

OTHER POLICIES

1. Roll will be taken in lecture.
2. QUIZZES will be given about every other lecture. There will be NO MAKE-UPS for quizzes. Rather, the lowest two quiz 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 or 845-7554) 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.
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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."