MATH 253 ENGINEERING CALCULUS III Fall 2008
Sections 501-503 INFORMATION SHEET P. Yasskin

INSTRUCTOR:	Dr. Philip B. Yasskin
OFFICE:	Blocker 620 I
OFFICE HOURS:	MR 2:00-3:00 in BLOC 620 I or by appointment
OFFICE PHONE:	845-3734
E-MAIL:	yasskin@math.tamu.edu GIVE YOUR PHONE NUMBER!
Web Page:	http://www.math.tamu.edu/~yasskin/
LECTURE:	MWF 9:10-10:00 HELD 109

Lab 501	TA: S. Poznanovik	TR	3:55-4:45	T in ZACH 227A	R in BLOC 126
Lab 502	TA: S. Poznanovik	TR	8:00-8:50	T in ZACH 104A	R in BLOC 130
Lab 503	TA: S. Poznanovik	TR	9:35-10:25	T in BLOC 164	R in BLOC 127

REQUIRED TEXT:	*Calculus, Early Vectors Edition*, Stewart
REQUIRED LAB MANUAL:	*Multivariable CalcLabs with Maple*, Yasskin et.al.
SOFTWARE:	*Maple 12*

GRADING:	COVERS:	POINTS:	DATES:
EXAM 1	Ch. 11, 12	200	Night Exam, To Be Announced
EXAM 2	Ch. 13, part of 14	200	Night Exam, To Be Announced
FINAL	Ch. 11 – 14	300	Mon 12/8 8:00 - 10:00 in HELD 109
ON-LINE HW		50	
QUIZ/other HW/LAB		150	
2 Projects		100	To be announced
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 C= 700-799 points F= 0-599 points

B= 800-899 points D= 600-699 points

* ADDITIONAL INFORMATION: See the Department 253 Home Page http://calclab.math.tamu.edu/docs/math253/ for information on Help Sessions.
* CATALOG DESCRIPTION: 253. (MATH 2415) Engineering Mathematics III. (3-2). Credit 4. I, II, S Vector algebra; calculus of functions of several variables, partial derivatives, directional derivatives, gradient, multiple integration, line and surface integrals, Green's and Stokes' theorems, computer algebra. Prerequisite: MATH152 or equivalent. Credit will not be given for more than one of MATH 221, 251 and 253.
* LEARNING OUTCOMES: This is the third course in calculus for engineering majors and covers chapters 11 through 14 of the Early Vectors Edition of Stewart. This includes differentiation and integration in several variables, a study of curves and surfaces and the Fundamental Theorems of Vector Calculus. You will learn the computer algebra system *Maple*.

OTHER POLICIES

1. ON-LINE HOMEWORK will be assigned from the CengageNow. Log onto ilrn.com and enroll using the Course Key from http://www.math.tamu.edu/~epstein/eHW/. Late homework will not be accepted. Rather, the lowest two ON-LINE HOMEWORK grades will be dropped. The remaining grades will be averaged and then rescaled to 50 points.

2. QUIZZES will be given in lecture or lab and will not be announced. Additional paper HOMEWORK may be assigned and is due on the announced dates. LAB REPORTS will be collected at the lab period one week after the lab. On lab reports, students will work in pairs. Each pair will turn in one lab report and receive one grade.

3. QUIZZES, paper HOMEWORKS, and LAB REPORTS will each count equally. There will be NO make-ups for QUIZZES and late HOMEWORK or LAB REPORTS will NOT be accepted. Rather, the lowest two quiz or homework or lab grades will be dropped. The remaining grades will be averaged and then rescaled to 150 points.

4. PROJECTS will be collected on the date announced. Late projects will NOT be accepted. On projects, students will work in groups of 3 or 4. Each group will turn in one report and receive one grade out of 50 points.

5. 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 dean's office. 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 email me, *be sure to include your phone number*.

6. ATTENDANCE is REQUIRED. Attendance will be taken in lecture and lab. If you sign the roll sheet, you are expected to remain for the entire period. More than 2 absences may have a detrimental effect on your grade especially in borderline cases.

7. You will be asked to provide 15 multiple choice SCANTRON 815E forms. You must have your ID with you at all exams. You MAY use a simple CALCULATOR during exams but NO PROGRAMMABLE, GRAPHIC or ALGEBRAIC CALCULATORS and NO LAPTOP COMPUTERS.

8.

9. ACADEMIC INTEGRITY STATEMENT: "An Aggie does not lie, cheat, or steal or tolerate those who do." Copying work done by another, either in-class or out of class, and passing it off as one's own, even with permission of that person, is an act of scholastic dishonesty and will be prosecuted to the full extent allowed by University policy. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. Typing notes/formulas into your calculator is also considered cheating. For more information on university policies regarding scholastic dishonesty, see Honor Council Rules and Procedures at http://www.tamu.edu/aggiehonor

10. ADA POLICY STATEMENT: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.