

MATH 253H  
Sections 200

ENGINEERING CALCULUS III, Honors  
INFORMATION SHEET

Spring 2009  
P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin  
OFFICE: Blocker 620 I  
OFFICE HOURS: TR 1:30-3:00 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: TR 11:10-12:25 HELD 105  
Lab 200 TA: J. Cockerham MW 1:50-2:40 M in ENPH 205 W in BLOC 122  
TA Web Page: <http://www.math.tamu.edu/~jcockerh/>  
REQUIRED TEXT: Stewart – Calculus, Early Vectors Edition  
REQUIRED LAB MANUAL: *Multivariable CalcLabs with Maple*, Yasskin et.al.  
SOFTWARE: *Maple 12*, *Scientific Notebook*

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	Fri 5/8 3:00 - 5:00 in HELD 105
ON-LINE HW		50	
QUIZ/other HW/LAB		150	
3 Projects		150	To be announced
TOTAL		1050	

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

A= 945-1050 points      D= 630-734 points  
B= 840-944 points      F= 0-629 points  
C= 735-839 points

- \* ADDITIONAL INFORMATION: See the Department 253 Home Page <http://calclab.math.tamu.edu/docs/math253/> for information on Help Sessions and a Catalog Description.
- \* DESCRIPTION: This is the honors section of 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* and the mathematical word processor *Scientific Notebook*.

## OTHER POLICIES

1. ON-LINE HOMEWORK will be assigned from the WebAssign Homework system. Login information will be announced. 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. For lab reports, students will work in pairs. Each pair will turn in one lab report and receive one grade. 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.
3. PROJECTS will be collected on the date announced. Late projects will NOT be accepted. Students will work in groups of 3 or 4 on Projects 1 and 2. They will work solo or in pairs on Project 3. Each group will turn in one report and receive one grade out of 50 points.
4. 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*.
5. 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.
6. 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.
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8. 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>
9. 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 the Department of Student Life, Disability Services Office, in Room B116 of Cain Hall or call 862-4570.