

MATH 253H  
Sections 201-202

ENGINEERING CALCULUS III, HONORS  
INFORMATION SHEET

Fall 2006  
P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin  
OFFICE: Blocker 620 I  
OFFICE HOURS: TW 4:00-5:00 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 2:20-3:35 CHEN 106  
Lab 201 TA: D. Savchuk MW 10:20-11:10 M in ZACH 322 W in BLOC 127  
Lab 202 TA: D. Savchuk MW 11:30-12:20 M in ENPY 207 W in BLOC 125  
REQUIRED TEXT: Stewart – Calculus, Early Vectors Edition  
REQUIRED LAB MANUAL: *Multivariable CalcLabs with Maple*, Yasskin et.al.  
SOFTWARE: *Maple 10, 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	Wed 12/13 1:00 - 3:00 in CHEN 106
3 Projects		150	To be announced
HW/QUIZ/LAB		150	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	D= 600-699 points
B= 800-899 points	F= 0-599 points
C= 700-799 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 Math word processor *Scientific Notebook*.

## OTHER POLICIES

1. **HOMEWORK** will be assigned from Stewart but will not be collected. You are encouraged to work together on this homework. There may be some additional **GRADED HOMEWORK** assignments primarily consisting of small group projects. Late homework will **NOT** be accepted.
2. **QUIZZES** will be given in lecture or lab and may not be announced. There will be **NO** make-ups for quizzes.
3. **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.
4. **GRADED HOMEWORK, LAB REPORTS** and **QUIZZES** will each count equally. The lowest two homework or quiz or lab grades will be dropped. The remaining grades will be averaged and then rescaled to 150 points.
5. **PROJECTS** will be collected on the date announced. Late projects will **NOT** be accepted. On projects, students will work individually or in groups of 2, 3 or 4. Each group will turn in one report and receive one grade out of 50 points.
6. **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 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*.
7. **ATTENDANCE** is **REQUIRED**. Attendance will be taken in lecture and lab. More than 2 absences may have a detrimental effect on your grade especially in borderline cases.
8. 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**.
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10. **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>
11. **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.