

MATH 253  
Sections 501-503

ENGINEERING CALCULUS III  
INFORMATION SHEET

Spring 2007  
P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin  
OFFICE: Blocker 620 I  
OFFICE HOURS: MW 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: TR 11:10-12:25 HELD 113  
Lab 501 TA: Y. Muntyan MW 12:40-1:30 M in CE 136 W in BLOC 130  
Lab 502 TA: Y. Muntyan MW 1:50-2:40 M in CE 137 W in BLOC 125  
Lab 503 TA: Y. Muntyan MW 4:10-5:00 M in BLOC 163 W in BLOC 130  
REQUIRED TEXT: Stewart – Calculus, Early Vectors Edition  
REQUIRED LAB MANUAL: *Multivariable CalcLabs with Maple*, Yasskin et.al.  
SOFTWARE: *Maple 10*

| GRADING:    | COVERS:            | POINTS: | DATES:                             |
|-------------|--------------------|---------|------------------------------------|
| EXAM 1      | Ch. 11, 12         | 200     | To Be Announced, may be Night Exam |
| EXAM 2      | Ch. 13, part of 14 | 200     | To Be Announced, may be Night Exam |
| FINAL       | Ch. 11 – 14        | 300     | Fri 5/4 3:00 - 5:00 in HELD 113    |
| HW/QUIZ/LAB |                    | 200     |                                    |
| 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      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 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. **HOMEWORK** will be assigned from Stewart and will be collected as announced. Some of it will be graded. 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. **HOMEWORK, QUIZZES and LAB REPORTS** 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 200 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. 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.
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.