

MATH 251
Sections 511

ENGINEERING CALCULUS III
INFORMATION SHEET

Spring 2010
P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin
OFFICE: Blocker 620 I
OFFICE HOURS: M 10:30-11:30 and R 1:30-2:30 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 113
REQUIRED TEXT: Stewart – Calculus, Early Vectors Edition

| 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 5/9 8:00 - 10:00 in HELD 113 |
| ON-LINE HW | | 50 | |
| QUIZ & other HW | | 50 | |
| TOTAL | | 800 | |

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

| | |
|-------------------|-------------------|
| A= 720-800 points | D= 480-559 points |
| B= 640-719 points | F= 0-479 points |
| C= 560-639 points | |

- * ADDITIONAL INFORMATION: See the Department 251 Home Page
<http://www.math.tamu.edu/courses/math251/>
for information on Help Sessions.
- * CATALOG DESCRIPTION: 251. Engineering Mathematics III. (3-0). Credit 3. I, II, S
Vector calculus, calculus of functions of several variables, partial derivatives, directional derivatives, gradient, multiple integration, line integrals, Stokes' theorems. Prerequisite: MATH152 or equivalent. Credit will not be given for more than one of MATH 221, 251 and 253.
- * COURSE OBJECTIVES: This is a 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.

OTHER POLICIES

1. ON-LINE HOMEWORK will be assigned from the WebAssign Homework system. Login information is at <http://www.math.tamu.edu/courses/eHomework/>. Late HOMEWORK will NOT be accepted. Rather, the lowest 5 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 and will not be announced. Additional paper HOMEWORK may be assigned and is due on the announced dates. Late HOMEWORK will NOT be accepted. QUIZZES and paper HOMEWORKS will each count equally. There will be NO make-ups for QUIZZES or paper HOMEWORK. Rather, the lowest one quiz or paper homework grade will be dropped. The remaining grades will be averaged and then rescaled to 50 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 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*.
4. ATTENDANCE is REQUIRED. Attendance will be taken. If you sign the roll sheet, you are expected to remain in the classroom for the entire 50 minutes. More than 2 absences may have a detrimental effect on your grade especially in borderline cases.
5. 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.
6. © COPYRIGHT Philip B. Yasskin 2011. All material handed out or written on the board or spoken in class or posted on a computer is copyrighted by the instructor. This includes but is not limited to syllabi, homework, quizzes, labs, additional problem sets, class notes, in-class materials and exams. Because these are copyrighted, neither you nor anyone else has the right to copy them unless I expressly grant permission.
7. 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://aggiehonor.tamu.edu/>
8. 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>.
9. COURSE SYLLABUS: Since I do not cover the material in the same order as the textbook, a rough syllabus is at <http://www.math.tamu.edu/~yasskin/currclas/251.11a/syllabus.pdf>