

MATH 152 Honors  
Sections 201-202

ENGINEERING CALCULUS I  
INFORMATION SHEET

Spring 2012  
P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin  
OFFICE: Blocker 620 I  
OFFICE HOURS: M 2:00-3:00 R 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 BLOC 117  
LABS: 201 MW 9:10-10:00 M BLOC 123 W CE 134  
TA: Jeanette Shakalli 202 MW 11:30-12:20 M BLOC 123 W CE 134  
REQUIRED TEXT: Stewart – Calculus, Early Vectors Edition  
Gilat – Matlab: An Introduction with Applications  
REQUIRED SOFTWARE Maplets for Calculus – <http://m4c.math.tamu.edu/>  
MATH 152 Home Page <http://www.math.tamu.edu/courses/math152/>

GRADING:	COVERS:	POINTS:	DATES:
EXAM 1	Sections 1.1 - 3.2	100	7:30 – 9:30 PM Thur, February 16, 2012
EXAM 2	Sections 3.3 – 4.2	100	7:30 – 9:30 PM Thur, March 22, 2012
EXAM 3	Sections 4.3 – 6.3	100	7:30 – 9:30 PM Tue, April 24, 2012
FINAL	Ch. 1 – 6	150	Mon 5/7 1:00 - 3:00 in BLOC 117
eHomework	WebAssign	30	Due each Wed at 11:55 PM
<a href="http://www.math.tamu.edu/courses/eHomework">http://www.math.tamu.edu/courses/eHomework</a>			For help click on Student Help Request Form
Quizzes		60	Approx weekly usually on Wed
Maple/Matlab		60	Due on Mon as announced
Projects		100	
TOTAL		700	

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

A= 630-700 points	D= 420-489 points
B= 560-629 points	F= 0-419 points
C= 490-559 points	

\* CATALOG DESCRIPTION: 152. Engineering Mathematics II. (3-2). Credit 4

Differentiation and integration techniques and their applications (area, volumes, work), improper integrals, approximate integration, analytic geometry, vectors, infinite series, power series, Taylor series, computer algebra. MATH 172 designed to be a more demanding version of this course. Prerequisite: MATH 151 or equivalent. Credit will not be given for more than one of MATH 148, 152 and 172.

- \* **COURSE OBJECTIVES:** This is the second course in calculus for engineering majors and covers sections 6.5 through 11.3 and 13.4 of the Early Vectors Edition of Stewart. This includes techniques and applications of integration, sequences and series, vector algebra. You will use Maplets and learn Maple or Matlab.

#### OTHER POLICIES

1. eHOMEWORK will be assigned from the WebAssign Homework system. Late eHOMEWORK will NOT be accepted. Rather, the lowest 5 eHOMEWORK grades will be dropped. The remaining grades will be averaged and then rescaled to 30 points.
2. QUIZZES will be given in lab or lecture and may 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 60 points.
3. MAPLE and MATLAB assignments will be given in lab. Students will work in pairs. They are due at the beginning of the next lab. Late labs will not be accepted. Rather the lowest 1 lab will be dropped. The remaining grades will be averaged and then rescaled to 60 points.
4. There will be 2 PROJECTS. Students will work in pairs. Each project will be graded on Math, Maple and Documentation. Each project will be worth 50 points.
5. You must have your ID with you at all exams. No CALCULATORS will be allowed on quizzes or exams. 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. If you sign the roll sheet, you are expected to remain in the classroom for the entire 75 minutes. More than 2 absences may have a detrimental effect on your grade especially in borderline cases.
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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 Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>.