

MATH 152 Honors
Sections 201-202

ENGINEERING CALCULUS II
SYLLABUS

Spring 2014
P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin
OFFICE: Blocker 620 I
OFFICE HOURS: T 4:00-5:00, F 3:00-4:00 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 149
LABS: 201 12:40-1:30 M BLOC 122 W CE 134
202 1:50-2:40 M BLOC 123 W CE 134
TA: Sean Plummer splumme@math.tamu.edu
REQUIRED TEXT: Stewart – Calculus, Early Vectors Edition
ON-LINE LAB MANUAL CalcLabs with Maple, Single Variable Calculus
REQUIRED SOFTWARE Maplets for Calculus – <http://m4c.math.tamu.edu/>
MATH 152 Home Page <http://www.math.tamu.edu/courses/math152/>

has Course Schedule, Computer Lab Schedule, Suggested Homework, Past Common Exams, Review Sessions, Help Sessions, Computer Help Sessions, Videos

GRADING:	COVERS:	POINTS:	DATES:
EXAM 1	thru Sections 8.2	100	7:30 – 9:30 PM Thursday, Feb 13
EXAM 2	thru Sections 10.3	100	7:30 – 9:30 PM Thursday, Mar 20
EXAM 3	thru Sections 11.3	100	7:30 – 9:30 PM Tuesday, Apr 22
FINAL	Secs 6.4-11.3,13.4	150	1:00 – 3:00 Wed, May 7 in BLOC 149
eHomework	WebAssign	30	http://www.math.tamu.edu/courses/eHomework
Quizzes and Maple Labs		70	
Projects		100	
TOTAL		<hr/> 650	

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

A= 585-650 points	D= 390-454 points
B= 520-584 points	F= 0-389 points
C= 455-519 points	

- * CATALOG DESCRIPTION: **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, MATH 152 and MATH 172.

- * **COURSE OBJECTIVES:** This is the second course in calculus for honors engineering majors and covers chapters 6 through 10 and parts of 11 and 13 of the Early Vectors Edition of Stewart. This includes integration and its applications with an introduction to differential equations, sequences and series, 3D vectors and the Maple computer algebra system.

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 will not be announced or they may be Take-Home QUIZZES due on announced dates.
3. MAPLE lab assignments will be given in lab. Students will work individually or in pairs. They are due at the beginning of the next lab.
4. QUIZZES and MAPLE labs will each count equally. The lowest 2 quizzes or labs will be dropped. The remaining grades will be averaged and then rescaled to 70 points. There will be NO make-ups for In-Class QUIZZES. Rather one more grade will be dropped. Late Take-Home QUIZZES and MAPLE labs will be accepted only if there is a University excused absence.
5. MAPLETS FOR CALCULUS will be done in lab and at home. There is no grade but the material will be reflected in the quizzes and exams.
6. There will be 2 PROJECTS. Students will work individually or in pairs. Each project will be graded on Math, Maple and Documentation. Each project will be worth 50 points.
7. You must have your ID with you at all exams. CALCULATORS and PHONES are NOT allowed. 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 in advance. If you email me, *be sure to include your phone number.*
8. 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.
9. © COPYRIGHT Philip B. Yasskin 2013. 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.
10. ACADEMIC INTEGRITY STATEMENT: "An Aggie does not lie, cheat, or steal or tolerate those who do." For more information on university policies regarding scholastic dishonesty, see Honor Council Rules and Procedures at <http://aggiehonor.tamu.edu/>
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 Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit <http://disability.tamu.edu>.