MATH 152H	ENGINEERING CALCULUS II, HONORS	Fall 2008
Sections 201-202	INFORMATION SHEET	P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin

OFFICE: Blocker 620 I

OFFICE HOURS: MR 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: MWF 12:40-1:30 in ZACH 223A

   Lab 201 TR 12:45-1:35   T in BLOC 130   R in BLOC 130

   Lab 202 TR 11:10-12:00   T in ZACH 105D   R in BLOC 126

REQUIRED TEXT: *Calculus, Early Vectors Edition*, Stewart

REQUIRED LAB MANUAL: *Single Variable CalcLabs with Maple*, Yasskin et.al.

   Matlab, An Introduction with Applications, 3rd Ed, Gilat

SOFTWARE: *Maple 12   or   Matlab,   and   Scientific Notebook*

GRADING:	COVERS:	POINTS:	DATES:
EXAM 1	7.1-8.4	100	R 9/25 7:30-9:30 PM
EXAM 2	8.8-9.6	100	R 10/23 7:30-9:30 PM
EXAM 3	10.1-11.2	100	T 11/25 7:30-9:30 PM
FINAL	7.1-11.3	200	M 12/8 10:30-12:30 AM in ZACH 223A
2 Projects		100	To be announced
HW, Lab, Quiz, etc.		150	To be announced
TOTAL		750	

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

   A= 675-750 points   C= 525-599 points   F= 0-449 points

   B= 600-674 points   D= 450-524 points

 * ADDITIONAL INFORMATION: See the Department 152 Home Page http://calclab.math.tamu.edu/docs/math152/   for a Weekly Schedule, suggested Stewart Homework Assignments and Help Sessions.

 * CATALOGUE DESCRIPTION: 1 152. (MATH 2414) Engineering Mathematics II. (3-2). Credit 4. I, II, S 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 (Maple). Prerequisite: MATH 151 or equivalent. Credit will not be given for both MATH 152 and 172.

 * LEARNING OUTCOMES: This is the honors section of the second course in calculus for engineering majors and covers sections 7.1-11.3 of Stewart's *Calculus*. This includes techniques and applications of integration and sequences and series. You will learn a computer algebra system, *Maple* or *Matlab,* and the Math word processor *Scientific Notebook*.

OTHER POLICIES

1. ON-LINE HOMEWORK will be available from CengageNow. The class will vote on whether this homework should count for a grade. Log onto ilrn.com and enroll using the Course Key from http://www.math.tamu.edu/~epstein/eHW/.

2. There may be some additional PAPER HOMEWORK assignments. Late homework will NOT be accepted.

3. QUIZZES will be given in lecture or lab and may not be announced. There will be NO make-ups for quizzes.

4. 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.

5. PAPER 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 merged with the CengageNow homework and rescaled to 150 points.

6. 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.

7. 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*.

8. 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.

9. You will be asked to provide 15 multiple choice SCANTRON 815E forms. You must have your ID with you at all exams. The policy on CALCULATORS during exams will be announced before each exam.

10. © COPYRIGHT Philip B. Yasskin 2008. 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 the text, 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 the instructor expressly grant permission.

11. 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

12. 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.