

MATH 152H
Sections 201-202

ENGINEERING CALCULUS II, HONORS
INFORMATION SHEET

Spring 2006
P. Yasskin

INSTRUCTOR: Dr. Philip B. Yasskin
OFFICE: Blocker 620 I
OFFICE HOURS: TW 3:00-4:00 in BLOC 620 I or by appointment
OFFICE PHONE: 845-3734
E-MAIL: yasskin@math.tamu.edu
Web Page: <http://www.math.tamu.edu/~yasskin/>
CLASSES: both sections MWF 10:20-11:10 in BLOC 156
Section: 201 TA: L. Smith TR 3:55-4:45 T in BLOC 126 R in ENPH 207
Section: 202 TA: L. Smith TR 12:45-1:35 T in BLOC 126 R in ZACH 105C
REQUIRED TEXT: *Calculus, Early Vectors*, Stewart
REQUIRED LAB MANUAL: *Single Variable CalcLabs with Maple*, Yasskin et.al.
SOFTWARE: *Maple 10, Scientific Notebook*

GRADING:	COVERS:	POINTS:	DATES:
EXAM 1	7.1-8.4	100	R 2/16 7:30-9:30 PM
EXAM 2	8.8-9.6	100	R 3/23 7:30-9:30 PM
EXAM 3	10.1-11.2	100	T 4/25 7:30-9:30 PM
FINAL	1.1-11.3	200	T 5/9 8:00-10:00 AM in BLOC 156
Project 1		50	To be announced
Project 2		50	To be announced
Project 3		50	To be announced
HW, Lab, Quiz, etc.		150	To be announced
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 C= 560-639 points F= 0-479 points
B= 640-719 points D= 480-559 points

- * ADDITIONAL INFORMATION: See the Department 152 Home Page <http://calclab.math.tamu.edu/docs/math152/> for a Weekly Schedule, a Lab Schedule and the Stewart Homework Assignments.
- * DESCRIPTION: 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 the computer algebra system *Maple* and the Math word processor *Scientific Notebook*.
- * CATALOGUE DESCRIPTION: 152. 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.

OTHER POLICIES

1. **HOMEWORK** will be assigned from Stewart but will not be collected. You are encouraged to work together on this homework.
2. There may be some additional **GRADED HOMEWORK** assignments primarily consisting of small group projects. 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. **GRADED 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 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 advisor. If you have trouble reaching me, leave a message with the Math department secretaries (845-3261) and be sure to leave your phone number.
8. **ATTENDANCE** is **REQUIRED**. Attendance will be taken in lecture and lab. 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 the common exams will be announced before each exam.
10. © COPYRIGHT Philip B. Yasskin 2005. 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, additional problem sets, 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.
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 the Department of Student Life, Disability Services Office, in Room B116 of Cain Hall or call 862-4570.