MATH 152 ENGINEERING CALCULUS II Spring 2014
Sections 549-551 SYLLABUS 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 11:10-12:25 HELD 109			
LABS:	549	3:00-3:50	M BLOC 122	W CE 136
	550	4:10-5:00	M BLOC 126	W CE 222
	551	5:45-6:35	M BLOC 122	W CE 136
TA:	Jean Yeh jeanyeh@math.tamu.edu			
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	thru Section 8.2	100	7:30 – 9:30 PM Thursday, Feb 13
EXAM 2	thru Section 10.3	100	7:30 – 9:30 PM Thursday, Mar 20
EXAM 3	thru Section 11.3	100	7:30 – 9:30 PM Tuesday, Apr 22
FINAL	Secs 6.4-11.3,13.4	150	3:00 – 5:00 Fri, May 2 in HELD 109
eHomework	WebAssign	30	http://www.math.tamu.edu/courses/eHomework
Quizzes		90	
Matlab		30	
TOTAL		600	

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

A=	540-600 points	D=	360-419 points
B=	480-539 points	F=	0-359 points
C=	420-479 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 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, sequences and series, 3D vectors and the Matlab 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. QUIZZES will each count equally. The lowest one QUIZ will be dropped. The remaining grades will be averaged and then rescaled to 90 points. There will be NO make-ups for In-Class QUIZZES. Rather one more grade will be dropped. Late Take-Home QUIZZES will be accepted only if there is a University excused absence.

3. 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.

4. MATLAB assignments will be given in lab. Students will work in pairs. They are due at the **beginning** of the next lab. The lowest 1 lab will be dropped. The remaining grades will be averaged and then rescaled to 30 points. Late labs will be accepted only if there is a University excused absence.

5. 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*.

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.

7.

8. 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/

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.