

Syllabus Math 151

Spring 2007

December 27, 2006

Full Title : 151. Engineering Mathematics I. (3-2). Credit 4. I, II, S

1 Contact

Instructor : Jimmy Dillies

Office : Milner 025

Phone : 845 3845

E-mail : jimmy@math.tamu.edu {Please begin your subject with 151}

Office hours : Tue from 10 to 12 or by appointment.

2 Webpage

- I will post updated news on my webpage : <http://www.math.tamu.edu/~jimmy>

- There is also a departmental webpage: <http://calclab.math.tamu.edu/docs/math151/>

- Finally, homework is available at <https://ttt.ph.utexas.edu> . Your login and password are both your UIN. **Do not forget to check when homeworks are due and submit them on time!!**

3 Textbook

Yasskin et al., *Calclabs with Maple for Stewarts Calculus Single Variable*, SV, Brooks/Cole , ISBN: 053441026X

Stewart, *Calculus: Early Vectors (Aggie Version)*, Hardcover, Brooks/Cole, ISBN: 0534493483

4 Description

Rectangular coordinates, vectors, analytic geometry, functions, limits, derivatives of functions, applications, integration, computer algebra (Maple).

Prerequisites: High school algebra I and II, trigonometry and geometry; MATH150 or satisfactory performance on a qualifying exam.

Note : Credit will not be given for more than one of MATH 131, 142, 151 and 171.

5 Grading

Your grade will be determined by three exams, a cumulative final exam, and a laboratory grade. The weights of each of these are as follows:

EXAM I	EXAM II	EXAM III	FINAL	LAB
15%	15%	20%	25%	25%

Exams I, II and III are common exams (same exam is given for all sections of Math 151) and take place in the evenings from 7:30-9:30pm on the dates listed in the Schedule of Courses (see below). The final exam is given at the normally scheduled final exam date for each section. The increased weights of the third and final exams reflect the cumulative nature of the course. The laboratory grade is made out of your homework grades, your quiz grades and the Maple/Calclab grades. The weight distribution is as follows:

Homework	Quizzes	Maple
10%	10%	5%

Note: the quiz with the lowest grade will not be taken into account.

Letter grade distribution: 0% F 50% D 62.5% C 75% B 87.5% A 100%

6 Make-up policy

These are the university rules: no make-ups will be given without written evidence of an official university excused absence. (See University Student Rules.¹) You should notify me in writing prior to the date of absence (if feasible). When it is not possible, you should provide notification by the end of the second working day after the absence. This notification should include an explanation of why notice could not be sent prior to the class. A written excuse must also be presented upon return to class. (In the case of illness or injury, students are required to obtain a confirmation note from a health care professional affirming date and time of a medical office visit regarding the illness or injury and confirming the need of absence). If you don't follow this policy, I will not be able to give you a make-up exam.

¹<http://student-rules.tamu.edu/>

7 Scholastic dishonesty

Copying work, either in-class or out of class, is an act of scholastic dishonesty and it will not be tolerated. Collaboration on assignments, either in-class or out-of-class, is forbidden unless permission to do so is granted by your instructor. For more information on university policies regarding scholastic dishonesty, see University Student Rules ².

8 Schedule

Sections 516-518 : TR 12:45-02:00 PM HELD 113

Labs :

516 M 08:00AM-08:50AM BLOC 164 and W 08:00AM-08:50AM BLOC 125

517 M 09:10AM-10:00AM CE 134 and W 09:10AM-10:00AM BLOC 127

518 M 10:20AM-11:10AM ZACH 322 and W 10:20AM-11:10AM BLOC 127

9 Schedule of Exams

EXAM 1: THURS, 2/15 7:30-9:30PM

EXAM 2: THURS, 3/22 7:30-9:30PM

EXAM 3: TUES, 4/24 7:30-9:30PM

FINAL : WED, 5/9 8:00-10:00AM

10 Americans with Disabilities Act (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, Services for Students with Disabilities, in Room 126 of the Koldus Building or call 845-1637.

11 Sources of Help

- Work, work, work. (there is no magic for doing well)

²<http://student-rules.tamu.edu/>

- Review: Each week, Professor Amy Austin will hold review session. W 7-9 pm BLOC 102. See <http://www.math.tamu.edu/~amy.austin/livewirmath151.html> for more information (location changes etc.)
- Streaming Video. Streaming videos of math 151 problems are available at <http://www.math.tamu.edu/~amy.austin/wirmath151.html>.
- Help Sessions: The Math department offers help sessions for math 151. See <http://www.math.tamu.edu/teaching/helpsession/> for more information.
- Outside help: for a list of private tutors, go to BLOC 602.

Do not forget to bring 15 Scantron #815E (1 per quiz and/or exam). Bring them to your labs and hand them in to your TA. Bring them no later than the beginning of the second week.