

Syllabus for Math 151

Engineering Mathematics I

Spring 2008

Sections 510-512

Instructor: Mariya Vorobets

Office: Milner 004

Office hours: Tuesday, Thursday 11:00-12:30 or by appointment.

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Class hours: TR 9:35-10:50 AM HELD 107

Sections:

510	M 11:30-12:20	CE 136	W 11:30-12:20	BLOC 127
511	M 3:00-3:50	BLOC 163	W 3:00-3:50	BLOC 127
512	M 4:10-5:00	CE 136	W 4:10-5:00	BLOC 127

Teaching Assistant: Michelle C. Kronman; e-mail: mkronman@math.tamu.edu

My web page of course is <http://www.math.tamu.edu/~mvorobet/Math151/Spring2008/>

The Mathematics Department has a web-page for Math 151 <http://calclab.math.tamu.edu/docs/math151>
Here you can find: weekly schedule of the course, suggested homework problems, common exam room assignments, past Math 151 exams, weekly review session schedule, *Week in Review via streaming video* and other information.

Course Description. Credit 4. This course will cover vectors in two dimensions, differentiation and integration of functions of one variable, and applications such as work, velocity/acceleration, optimization (max/min), and curve sketching. The course meets twice per week in lecture and twice per week in recitation. One of your recitation meetings is designed to discuss questions over homework or lecture. The other recitation meets in the computer laboratory where the computer package Maple will be introduced. The goal of the laboratory portion of the course is to show how problems that are too difficult to solve hand, can be solved with the help of the computer. The prerequisite for this course is either Math 150 (precalculus) or a good high school mathematics background that includes algebra II, analytic geometry and trigonometry.

Texts. Calculus: *Early Vectors*, by Stewart et al, published by Brooks/Cole. The computer laboratory will also use *Calclabs with Maple*, also published by Brooks/Cole.

Homeworks. Our class will be doing homework on a computer system called CengageNOW.

Directions for enrolling in the system and your class can be found at www.math.tamu.edu/~epstein/eHW. The first homework available now and it is due on Sunday, January 27 at 11:55 PM.

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

Exam I	Exam II	Exam III	Final Exam	Homework	Quizzes	Lab reports	Total
15%	15%	20%	25%	5%	10%	10%	100%
Feb. 14	March 20	April 22	May 2	weekly	weekly	TBA	

You must bring either your student ID or your driver's license to each of the above exams. There will be no extra credit under any circumstances. Exams I, II and III are common exams (same exam is given for all sections of Math 151) and are administered in the evenings from 7:30-9:30pm. The increased weights of the third and final exams reflect the cumulative nature of the course.

I may curve any grade and will then compute the course grade by the following rule: A for at least 90% points, B for at least 80% points, C for at least 70% points, D for at least 60% points and F for less than 60% points.

Make-up policy: Make-ups for missed quizzes and exams will only be allowed for a university approved excuse in writing. Wherever possible, students should inform the instructor before an exam or quiz is missed. Consistent with University Student Rules, students are required to notify an instructor by the end of the next working day after missing an exam or quiz. Otherwise, they forfeit their rights to a make-up.

Scholastic dishonesty: Copying work done by others, either in-class or out of class, 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. For more information on university policies regarding scholastic dishonesty, see University Student Rules. Remember the **Aggie Code of Honor** "*An Aggie does not lie, cheat, or steal or tolerate those who do*".

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Americans with Disabilities Act (ADA) Policy Statement: The following ADA Policy Statement (part of the Policy on Individual Disabling Conditions) was submitted to the University Curriculum Committee by the Department of Student Life. The policy statement was forwarded to the Faculty Senate for information. 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.

Have an enjoyable and successful semester!