

Texts. *Calculus: Early Vectors* by J. Stewart and
Calculus: Maple Single Variable by Thomson.

Prerequisite. Math 150.

Class web-page. <http://www.math.tamu.edu/~robles/151/>
You will find links to tutorials and homework here.

Instructor. Dr. Robles

E-mail. robles@math.tamu.edu

Office. Milner 327

Office hours. T.B.A.

Course description. Credit 4. This course will cover vectors in two dimensions; differentiation and integration of functions of one variable; applications such as work, velocity/acceleration, optimization (max/min); and curve sketching. The course meets MWF in lecture and TR in recitation.

Weekly quizzes are given in the Tuesday recitation, where you will also have time to discuss questions from homework or lecture. The Thursday 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.

Grades. On-line homework = 5%, Maple labs = 10%, quizzes = 10%,
Exam 1 = 15%, Exam 2 = 15%, Exam 3 = 20%, Final = 25%.

Make-ups. 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.

Homework. In addition to the on-line homework, textbook assignments are posted at <http://calclab.math.tamu.edu/docs/math151/syllabus/currenthw.html>. *The Tuesday recitation quiz problems will come straight from the these exercises.*

Maple labs. Thursday afternoons. The Maple labs will often introduced material to be covered in the following weeks lectures – and *the lectures will assume that you have participated in the labs.*

Exams. Exam 1: Thursday, February 14, 7:30 - 9:30 P.M.

Exam 2: Thursday, March 20, 7:30 - 9:30 P.M.

Exam 3: Tuesday, April 22, 7:30 - 9:30 P.M.

Final exam: Monday, May 5, 10:30 A.M. - 12:30 P.M., HELD 111.

Grade complaints. If you think a test was graded incorrectly you have one week from the time the test was returned to you to bring the issue to the instructor's attention. No complaints after that time will be considered.

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*.

Academic Integrity Statement. An Aggie does not lie, cheat or steal or tolerate those who do.

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