

**MATH 150A: Calculus I, Fall 2010**

Class Number: 14905; Schedule: MTWR 11:00am–12:05pm in CR5124.

Instructor: Dr. Vladislav Panferov, office SN 129, phone (818)677-2326

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Course webpage: [www.csun.edu/~panferov/math150a/](http://www.csun.edu/~panferov/math150a/)

Office hours: (tentative: check webpage for updates) Mon 1-3pm, Tue 12:15-1pm, Wed 12:15-1pm, Thu 9-10am, or by appointment (email).

**Course description:** MATH 150A is a first semester calculus course. The course emphasizes computational skills, conceptual understanding, and applications. Math 150A provides students with the calculus background they need for subsequent courses in math, science and engineering. Brief outline: Functions, limits, derivatives; applications of differentiation. Definite and indefinite integrals, the fundamental theorem of calculus.

**Text:** J. Stewart, Calculus, 6th edition Thomson Brooks/Cole, 6th edition, 2007.

**Prerequisites:** Passing score on or exemption from the Entry Level Mathematics Exam, or credit for MATH 093, and either a passing score on the Mathematics Placement Test or completion of MATH 105, or both MATH 102 and 104 at CSUN with grade C or better.

**Grading:** 20% quizzes, 40% two midterm tests, 40% final exam (cumulative). The percentages are generally translated into letter grades using the following scale: 90-100% A; 80-89% B, 70-79% C, 60-69% D, 0-59% F. There will be no “grading on the curve”, however the cutoff numbers for the grades may be lowered, at instructor’s discretion, based on the overall performance of the class.

**Homework:** Homework is the course’s most essential component. You are expected to solve a large number of problems each week, the list of which will be announced on the course webpage. Homework will not be collected or graded, however selected problems from the will be included in quizzes. Homework will be assigned as either numbers of problems from the textbook or WebWork.

**Tests/exams:** There will be two in-class midterm tests, tentatively scheduled for October 14 and November 25 (Thursdays). This schedule may be adjusted, and the changes will be announced in class and on the course webpage. All exams will be closed books/notes.

**Make-ups:** There will be no make-ups for tests or quizzes, unless in truly exceptional cases, for a valid and well-documented reason. In such case arrangements for an alternate date and time should be made prior to the scheduled test date, if possible.

**Final exam:** On Friday, December 10, 2010, 2:00pm - 4:00pm in CR 5124.

**Calculators:** A graphing calculator or a computer software such as MATLAB may be useful for solution of some of the homework problems. However, graphing calculators will not be allowed on midterm or final exams. A basic scientific calculator is OK (example, TI-30XII, or similar).