MATH 250: Calculus III, Summer 2013

Summer 2013   Class number 10386   MTWTh 1:00pm–2:40pm   Room CR5114

Prof. Vladislav Panferov

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Office hours: Tue, Wed 11:00-12:00pm, or after class. Other times are available by appointment (email me or ask after class).

Course description: Calculus of multiple variables; topics include vectors in two and three dimensions, analytic geometry of three dimensions, parametric curves, functions of several variables, partial derivatives, the gradient, multivariable optimization problems, multiple integration with change of variables across different coordinate systems, line integrals, and elements of vector calculus.

MATH 250 WEBPAGE   `www.csun.edu/~panferov/math250/`

Text: James Stewart, Calculus, 7th edition. We plan to cover most of Chapters 12-16 in the textbook.

Homework/Quizzes: There is a Homework Set for each section in the text, and homework exercises will be assigned in class and/or announced on the webpage. Homework assignments will not be collected or graded, however selected problems from the homework will be included in quizzes (15 minutes, held in the beginning of class and announced in advance). Answers/solutions to selected problems will be made available on the webpage.

Exams: There will be two in-class midterms, scheduled for **June 13** (Thursday), and **July 1** (Monday) – possible changes in schedule will be announced in class. There will be a comprehensive final on **Tuesday, July 9, 1:00-3:00pm** (last day of class). All tests/exams are closed books/notes. (See below for the calculator policy.)

Make-up policy: Make-up exams are not normally given.

Electronic devices: Only a basic scientific calculator (example: TI-30XIIS) is allowed on all quizzes, tests and exams. Graphing calculators and other electronic devices, including cell phones, are not permitted.

Grading: I will use +/- grading system, and will compute the grades as follows:

quizzes	25%
2 in-class exams	20% each
final exam	35%

The percentages are to be translated into letter grades using the following scale: 90-100% A; 80-89% B, 70-79% C, 60-69% D, 0-59% F. The cutoff numbers for the grades may be modified (in the direction of decreasing only!) at the end of the term, based on the overall performance of the class.

Attendence and participation – are required for successful performance in the class. A roster will not be taken in class, but I expect to see you in class on a regular basis and participate by asking and answering questions.