

## MATH 250 COURSE SYLLABUS FALL 2006

**Course Objective:** Conceptual understanding of and technical proficiency with the fundamental elements of multivariable calculus: functions of several variables, vector mathematics, differentiation, optimization and integration of functions of several variables, parameterization, line integrals. Prerequisite: Completion of Math 150B with a grade of C or better, or equivalent.

**Instructor:** Mark Schilling

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**Webpage:** [www.csun.edu/~hcmth031](http://www.csun.edu/~hcmth031)

**Office Hours:** Tu W Th 1:15-2:15, or by appointment, in Santa Susanna Hall 415.

**Text:** *Multivariable Calculus*, 4<sup>th</sup> Edition, by McCallum, Hughes-Hallett, Gleason et. al.

**Expected Coverage:** Chapters 12–18, excluding Sections 12.6, 14.6, 16.6-7, 17.4-5.

**Readings:** You are expected to read each section of the text *prior* to its discussion in lecture. You may be quizzed to verify that you have done the required advance reading.

**Homework:** Exercises from each covered section will be assigned. One component will be handwritten, and turned in for grading (if multiple pages are submitted they must be stapled). A subset of these problems will be graded. A second component will be completed using your WileyPLUS account. These problems will be graded automatically, as you do them.

**Conduct of the Class:** Class meetings will involve a combination of lectures and active student participation. **Cell phones, pagers, etc. must be turned off during every class period! An electronic device that goes off during class time may result in a pop quiz for everyone.**

**Grade Components:** Three tests \*\*\* **NO MAKE UP EXAMS WILL BE GIVEN** \*\*\*  
Homework (worth about two tests)  
Comprehensive final exam (worth about two tests)  
Attendance (see below)  
Class participation  
Pop quizzes are possible  
Grading is plus/minus

**Attendance Policy:** Two absences are allowed without penalty. Each additional absence results in a deduction of 1% from the total number of points achievable for the course, up to a maximum penalty of 10%. The maximum penalty is normally sufficient to drop your grade by one full letter, e.g. from B<sup>-</sup> to C<sup>-</sup> or from C to D. You will receive a bonus of 2% for perfect attendance, or 1% if you have just one absence. Tardiness may result in a loss of attendance credit.

**Final Examination:** Monday, December 18th, 10:15am.-12:15pm.