Prerequisite: Math 152 or equivalent. Current math skills at this level are recommended.

Instructor & Contact Info: Adele Miller, office 710C, phone (with voice mail): 477-3700 Ext. 1388 e-mail: admiller@cabrillo.edu web page: www.cabrillo.edu/~amiller

Office hours: TTh: 10:30 - 11 AM or by appointment

Cell phones: Turn cell phones & all other electronic devices OFF while in the classroom.


Student Learning Outcomes:
1. Examine derivatives as the study of average and instantaneous rates of change.
2. Examine integrals as the study of accumulated change.
3. Evaluate derivatives and integrals by choosing appropriate algebraic and numeric methods.
4. Solve multivariable max/min problems using partial differentiation.

Calculators: Calculators are required. A scientific calculator is suitable. However, some numerical integration will be done on calculators later in the semester. If you do not have such a calculator you may use one in the Math Learning Center. A couple such calculators will be available for your use during Exam #3.

Grading: homework (about 5% of your grade)

quizzes (about 15% of your grade)

3 exams (100 points each); Final exam (150 - 200 points)

A: 90 - 100; B: 80 - 89; C: 70 - 79

Homework: Please do homework problems legibly and in the order assigned. Your homework grade (about 5% of your semester grade) will be determined by effort and completeness. It is your responsibility to check the correctness of your answers. All assigned homework problems will be collected on exam days and probably once between exams. Due dates will be announced in class. On due dates have homework in order, stapled and ready to hand in when you arrive in class.

Regular effort on homework is essential for success in this course. You are responsible for keeping up with material presented each class meeting and for being able to discuss all ideas and to do all types of problems that are presented and assigned. Bring your practice homework to each class and be prepared to ask questions and discuss ideas!

Quizzes: (about 15% of your semester grade)

There will be 6-8 quizzes. Quiz dates will be announced in class.

a) Quizzes will either be in-class during the last few minutes of class or you will be given a couple of problems to do and turn in the next class.

b) Some quizzes may be practice homework checks. A few assigned homework problems will be randomly selected and you will merely copy your solution from your completed work. These checks will be open notes but closed book.

(Over)
At the end of the semester, you will have an opportunity to raise one quiz score. Without prior arrangements, absolutely NO LATE QUIZZES WILL BE ACCEPTED. (See me in my office in case of extenuating circumstances).

Exams: There will be no make-up exams, and no exam grade will be dropped. It is your responsibility to take all exams when scheduled. See me before the day of the exam if you have a schedule conflict. Missing an exam due to vacation plans is not an acceptable excuse. If your absence is unexpected, you must notify me as soon as possible to discuss your options (email preferred or 477-3700 Ext.1388). When you are able to return to campus, see me in my office in order to make arrangements for work missed.

There are NO make-up exams, and no exam grade will be dropped. If I do not hear from you regarding any missed exam, you will be DROPPED FROM THE CLASS with a W or F grade!

Attendance: Regular attendance is expected. Every hour of class missed will approximately double your study time outside of class. Any student with excessive absences (4 hours or more) may be dropped from the class.

If, for legitimate reasons, you know you will have to be absent on an exam or quiz day, make arrangements prior to your absence.

If your absence is unexpected, call my office (479-6544) or send an e-mail with your name and the class you will miss. When you are able to return to campus, see me in my office in order to make arrangements for work missed.

Enrollment in the course means you agree to adhere to an honor code during exams and any other individual assignments. Any cheating will result in the person or persons involved being dropped from the class with an F grade.

Any extenuating circumstances that need to be considered in order to alter this policy must be discussed with me in my office.

If you have any visible or invisible disabilities, please come by my office to discuss any needed accommodations.

I recommend you exchange phone numbers with several classmates. I also recommend that you form study groups and visit my office hours. When appropriate, use the resources available in the Math Learning Centers (room 1074, MESA rm. 714 or at the Watsonville or Scotts Valley Centers).

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Tentative Schedules
The following schedule is subject to change. Any changes will be clearly announced in class!

EXAM SCHEDULE
Exam #1: Thursday, March 11, 2010
Exam #2: Thursday, April 22, 2010
Exam #3: Thursday, May 13, 2010
Final Exam: Tuesday, June 1, 2010, 10 - 12:50 PM

Quiz Schedule: Quiz dates will be announced in class.