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DEPARTMENT OF MATHEMATICS
Information for Students in Math 125, Sec 9-16

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Are you in the right course?

Math 125-126 is intended for students planning to major in Engineering, Chemistry, Mathematics or Physics. It is also suitable for students in the Colleges of Arts and Letters or Business who wish to take a more challenging course than required.

To be comfortable in this course you should have had a good grounding in Precalculus Mathematics. For, instance, you should be adept at algebra, and be familiar with the trigonometric functions. Specifically, you are expected to know the material in Chapter P (Preliminaries) as well as the geometry formulas on the front fly leaf.

It is my observation that most students who have difficulty in Calculus experience this difficulty not because of the notions of Calculus. Their problems arise from inadequate knowledge and poor manipulative technique in Precalculus Mathematics.

Lecturer: Professor Barth Pollak (Office: 317 CCMB) **TA's** - Yamin Huang (Office: 224 CCMB)
Office hours: 2:00 – 4:00, Wednesday Charles Miller (Office: 316 CCMB)
Alexei Strounine (Office: 222 CCMB)
Sophia Vassiliadou (Office: 306 CCMB)

Textbook: Calculus by G.B. Thomas and R. Finney, 9th Edition

Class meets: 11:45 MWF in 117 Cushing (Engineering Auditorium)
Each student is also assigned to a Tuesday lab section. It is the student's responsibility to know the time, place and section number of his/her lab section.

Tests. There will be four one-hour exams during the semester.
The dates are

Wedneday, Sept. 18   Wednesday, Oct. 9   Wednesday, Nov. 6   Monday, Nov. 25

There will also be a two-hour final examination on Dec. 16 at 1:45 - 3:45 PM (place to be announced
Unexcused absences will result in the grade zero.

Grades. Each of the one hour exams is worth 100 points. The final exam is worth 150 points. Grades are determined by the total of your final exam score and the top three one hour exam scores (the lowest score of the four one hour exams will be discarded). In symbols, your grade will be determined by the size of your number GR, where

$$GR = F + \sum_{i=1}^{4} T_i - \min_{1 \le i \le 4} (T_i) \qquad \begin{array}{l} F = \text{final exam score} \\ T_i = \text{score on ith one-hour exam} \end{array}$$

Homework. Homework will be assigned on Wednesday. It will cover three lectures and be collected in your Lab on the following Tuesday. Late homework will not be accepted. Real collaboration among students on homework assignments is acceptable. Merely copying the results of someone else is not. (Your conscience is your guide - remember this course operates under the Honor Code.)
Doing homework is essential to deepen your understanding of the subject. To encourage doing homework I shall award bonus points to your GR. The number of such points is determined by the percentage of your total homework score at the end of the semester as follows:

Percentage	Bonus points
83-85	1
86-88	2
89-91	3

92-94	4
95-97	5
98-100	6

(The principal effect of the addition of bonus points to your GR is to push someone who is just below a cut off between two grades over the boundary to the higher grade.)

ABSENCES.   You are expected to attend each class. Although I do not plan to rigorously enforce it, University Policy allows me to give an F to any student who accumulates more than 3 unexcused absences.

EXTRA HELP. First Year Learning Resource Center provides extra help for students who are doing poorly.