

- Content -** Limits, Continuity, Derivatives and Optimization, Infinite Sums and Integrals, and applications to Economics and Finance.
- Prerequisite** Math 42 or equivalent (Preferrably with grade of C or better)
- Text -** PreCalculus with Limits (3rd edition) , Larson
- Exams -** There are a total of 600 points available. three 100 point midterm exams, one 200 point final exam, and an unspecified number of quizzes worth a total of 100 points.
- Homework** Homework will be assigned every day but will not be collected. The quizzes will be based upon the homework that I assign as well as in class material. The homework I assign is the minimum work that can be done and I strongly suggest that students do more problems than are assigned.
- Attendance -** Attendance in class is crucial to learning the material. If anyone misses more than two classes without informing me first, they will be dropped from the class. If anyone misses one class during the first week without informing me first, they also will be dropped. If you know you are not going to be in class, call (408) 742-8828 and leave a message. Please do not call the division office or the administration office.
- Office Hours -** I will have assigned office hours on Tuesdays from 3 to 4 in S43 (math lab). Also, if your phone goes off during class, I will ask you to leave. If it happens a second time, you will be dropped from the class.

GRADE SCALE

85+ A

70-84 B

55-70 C

45-54 D

<45 F

Student Learning Outcome(s):

*Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.

*Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.

*Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.