Math 1A-28: Calculus and Analytic Geometry 1 [CRN 01190]
Tu/Th 06:30 PM–08:45 PM, Location MLC 108
Classes meets April 08, 2019 - June 28, 2019 .

Instructor: Reza Shariatmadari, **Email**: shariatmadarireza@fhda.edu

Office Hours and Location: Tuesday and Thursday: 2:30PM - 3:30PM at the lower level of Financial Aid building (Baldwin Vinery). Dial 5720 for my office access..

Textbook: Precalculus with Limits 3rd Edition by Ron Larson

Calculators: We don't use calculator in this class, if needed online calculator/graphing calculator will suffice.

Course Description and Prerequisites: Limits and differentiation. Methods and applications of differentiation.sections. **Prerequisite:** MATH 43 or MATH 43H (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year.

Midterms: There will be two midterm exams. These exams will be given either during regularly scheduled class meetings or as a take home exam or as a group exam or any combination of them. The midterm exams are cumulative. Any change in Midterm dates and location will be announced in advance.

Tentative Midterms Schedule:
Midterm 1: Thursday May 09, 2019
Midterm 2: Thursday June 13, 2019

Final Exam: The Final Examination will be on Thursday, June 27, 2019, 04:00 PM-06:00 PM. Final Exam is a comprehensive examination covering the entire quarter.

Homework: Homework and recommended problems will be assigned according to our progress in class. They provide practice, help clarify ideas introduced in class or in the text.
You are encouraged to work together to study and do your homework. Taken in the right spirit, this can be very productive. However, assignments that you turn in under your name must be your own; group papers will not be accepted. Homework are due every Tuesday at the beginning of the class.

Quizzes: There will be two quizzes during this quarter. These quizzes will be given either during regularly scheduled class meetings, as a take home quiz, group quiz, or any combination of them. Any change in quiz dates will be announced in advance.

Tentative Quiz Schedule:
Quiz 1: Tuesday April 30, 2019
Quiz 2: Tuesday May 28, 2019

Attendance and class participation: You are expected to attend lectures every day. Active class participation is required. You are expected to come to class prepared for the days discussion. Should you miss a lecture for any reason, you are responsible for all the material that was covered and assignments that were given.

Academic Integrity: Students are reminded that their behavior at all times reflects upon the college community. **The minimum penalty for cheating, plagiarism, etc. is a grade of zero on the assignment**. For additional information on the college's policies, read the Ethics and the Academic Integrity Policy at

<center>http://www.deanza.edu/studenthandbook/academic-integrity.html.</center>

Disability Services: Students with disabilities should contact Disability Support Programs Services, Building: AT209. Contact: Marilyn Booye, Phone: 408.864.8407.
I am happy to meet with you to discuss necessary academic accommodations once I receive appropriate documentation from Disability Support Programs Services .

Courtesy: As a courtesy to those around you, cell phones and other electronic devices should be silenced and put away during lecture unless otherwise instructed by me.

Grades: Course grades will be determined by homework, group assignment, quiz and exam. **I reserve the right to make any changes to the syllabus and to adjust your grade (for better of course) based on my opinion of the quality of your work and your progress throughout the quarter.** I WILL NOT post any grades online or via email for security and privacy reasons, so you must consult with me about your standing in class and your grades throughout the quarter. **I STRONGLY SUGGEST THAT YOU DO NOT LEAVE ANYTHING FOR THE LAST MINUTE**.

Getting Help: In addition to coming to office hours, please feel free to email me any questions you have on the homework (or any other questions you might have) and I will respond promptly. Tutoring is also available at "Math, Science & Technology Resources Center (S43). Please take advantage of this service at no cost to you.

Important Dates: For more detail go to: https://www.deanza.edu/calendar/

In-Class Recordings: You are not allowed to take a video recording, audio recording, or streaming

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General guidelines are as follows:

Homework: 5%

Quiz: 20%

Exam 1: 20%

Exam 2: 20%

Final Exam: 35%

Your course letter grade will be assigned as follows:

(A+: 97%-100%)

(A: 93%-96.9%)

(A-: 90%-92.9%)

(B+: 87%-89.9%)

(B: 83%-86.9%)

(B-: 80%-82.9%)

(C+: 77%-79.9%)

(C: 73%-76.9%)

(C-: 70%-72.9%)

(D+: 67%-69.9%)

(D: 63%-66.9%)

(D-: 60%-62.9%)

(F: 00%-59.9%)

Student Learning Outcome(s):

*Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
*Evaluate the behavior of graphs in the context of limits, continuity and differentiability.
*Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.