Instructor: Abdul A. Ghori   **E-Mail**: ghoriAbdul@fhda.edu   **Phone**: (408) 390-9711

Course Name: Math 1A – 31: Calculus 1 (CRN: 46754)   **Location**: MLC 110

Class Time: Tuesday, Thursday 4:00pm – 6:15pm   **Days:** 4/6/26 – 6//30/26

Office Hours: Tuesday, Thursday 3:00pm – 4 :00pm   **Office:** Tutorial Center

S.L.O. (Student Learning Outcome):

Analyze 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 approximations.

Pre-requisite: Math 32/43 with a **C** or better OR a placement test.

Textbook: Calculus: Early Transcendentals, 9th Edition, by Stewart

Homework: Homework is an integral part of the course. Classwork and participation points are part of our in-class activities.

Exams and **Quizzes:**   There will be three exams, three quizzes, and a final exam.

Academic Integrity:

Students are reminded that their behavior always reflects upon the college community. The minimum penalty for cheating, etc. is a grade of a zero on the assignment. For additional information on the college policies, read the Academic Integrity Policy at https://www.deanza.edu/policies/academic_integrity.html.
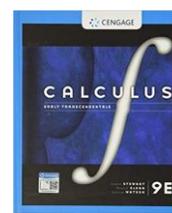
Grades: Course grades will be determined by participation, homework, quizzes/exams, & final exam.

Homework: 10 %   Attendance/Projects: 20%   Quizzes/Exams: 40%   Final Exam: 30%

90 – 100: **A**   80 – 89: **B**   70 – 79: **C**   60 – 69: **D**   50 – 59: **F**

Important dates and further expectations will be discussed on the first day.

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.

Office Hours:

T,TH   3:00 PM - 4:00 PM   Tutorial Center