

Course: MATH-001A

Time/Room: S45: MW:4:00pm - 6:15pm

Instructor: Harman Dhaliwal

Office Phone: 864-8222

Office Hours: MW 8:00 am - 9:10am (Zoom/Online), MW(In person): 3:45 pm - 4:00pm, 6:15pm - 6:30pm

Email: dhaliwalharman@fhda.edu (expect a response by the end of the next school day)

Website: canvas

Text: OpenStax based Calculus for Deanza: <https://commons.libretexts.org/book/math-160741>

Requirements: Textbook, Binder, Calculator **No TI-89** will be allowed.

Student Learning Outcomes

- 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.

Grading

- Your work will be graded on correctness, writing and presentation.
- Your solutions should be clear, with work flowing from top to bottom, left to right.
- Late work will not be accepted and assignments are collected in the first 5 minutes of class.
 - It is your responsibility to take the appropriate measures to ensure that you are in class with a completed assignment at the start of class.

Homework:

- Homework will be assigned and collected on the day of the exam.
- Homework will be graded on completeness and effort.

- Expect a challenging course requiring about 10 hours work outside of class per week.

Quizzes

- There will be quizzes given throughout the quarter with.
- Quiz problems will be similar to the homework problems but with cosmetic changes (i.e. numbers, descriptions, names) and questions based on reading of the sections.
- The lowest quiz score will be dropped.

Exams:

- There will be three 50-minute exams
- No makeup exams will be given
- The lowest exam score will be dropped

Labs

- There will be labs assigned throughout the quarter that will be started in class and within groups.
- The lowest lab will be dropped

Final Exam:

- There will be one two-hour comprehensive final exam.

Cheating:

- No tolerance, those caught cheating will be given a 0 on the assignment and reported to De Anza.

Attendance

- Attendance is very important for learning material and staying up to date with lecture.
- Any student may be dropped after five unexcused (hours) absences.
- Late arrivals or early absences will count as half an absence.
- Note: It is the student's responsibility to drop from the course by the deadline. A student who discontinues attending the course without dropping will receive a grade.

Grading:

Quizzes: 15%

Exams (3): 45%

Final: 20%

Homework: 10%

Labs/Participation: 10%

Grade Scale

- A 90-100 %
- B 80-89 %
- C 70-79 %
- D 50-69%
- F 0-49 %
- +/- will be assigned at the end of quarter based on class grade distribution, **approximately** with 3% of grade boundaries

Student Services:

- <https://www.deanza.edu/services/>
- De Anza College has many support services to help you succeed in college. This web site leads you to information about financial aid, child care, counseling, academic support, disability support, student activities, and other services that are here for you. The physical location for most of these services is in the Student Community Services Building.
- Tutors are available in S-43, the math and science tutoring center.

Dropping the Course:

- Note: If student attended a single class, it is the responsibilities of student to drop/withdraw from course.

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M,W 8:00 AM - 9:10 AM

M,W 3:45 PM - 4:00 PM

M,W 6:15 PM - 6:30 PM

Zoom, Canvas, Email, By Appointment

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