

## Math 1A- 55Z - De Anza College- Summer 2023- Syllabus

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**Instructor:** Reza Shariatmadari

**Course Name:** Math 1A- Calculus 1

**Class dates:** This class runs from July 03 to August 11, 2023.

**CRN/Section:** 13621 / 55Z

**Location:** Online (Asynchronous)

**Time:** Various time arranged by students.

**Office Hours:** There are no office hours for this class.

**Email:** shariatmadarireza@fhda.edu

**Textbook:** Calculus, Early Transcendental, by Stewart, 9<sup>th</sup> edition with WebAssign.

**Course Description:** This course covers the fundamentals of differential calculus. This is an online class that does not have scheduled meetings. Students can log in anytime to do the required weekly course work. Students must have access to a computer, internet, an individual email address, Canvas course management system, and access to WebAssign. You may have to purchase access to WebAssign if you do not have an account with Cengage.

**Course Pre-requisite:** MATH 32, MATH 32H, MATH 43 or MATH 43H with a grade of C or better, or appropriate score on Calculus Placement Test within the past calendar year.

**Homework Assignments:** Homework is an integral part of the course. We will use Web-Assign website for course homework. You are expected to purchase an access code either separately or bundled with your new textbook.

Use the link <https://www.getenrolled.com/?courseKey=deanza38784896> to sign up for our class.

**Exams and Quiz:** There will be two quizzes and a final exam this quarter.

### **Tentative Exam Schedule:**

Quiz 1: Monday July 17, 2023, from 8AM to 8PM and covers the sections: 2.1, 2.2, 2.3, 2.5, 2.6, 2.7, 2.8, 3.1.

Quiz 2: Monday July 31, 2023, from 8AM to 8PM and covers sections: 3.2, 3.3, 3.4, 3.5, 3.6, 3.9, 3.10, 4.1.

Final Exam: Thursday August 10, 2023, from 8AM to 8PM and covers sections: 4.2, 4.3, 4.4, 4.5, 4.7, 4.8, 4.9, 10.1, 10.2.

**Academic Integrity:** Students are reminded that their behavior always 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 <http://www.deanza.edu/studenthandbook/academic-integrity.html>.

**Grades:** Course grades will be determined by homework, quiz, and final exams. Your grade is always available to you on Canvas. Homework, quiz, and final exam scores are NOT curved in this class. General guidelines are as follows:

Homework Assignments: 10%

Quiz 1: 30%

Quiz 2: 30%

Final Exam: 30%

**Your Course letter grade will be determined based on the following percentiles:**

(A) 94% to 100%

(A-) 90% to < 94%

(B+) 87% to < 90%

(B) 84% to < 87%

(B-) 80% to < 84%

(C+) 77% to < 80%

(C) 74% to < 77%

(C-) 70% to < 74%

(D+) 67% to < 70%

(D) 64% to < 67%

(D-) 60% to < 64%

(F) 00% to < 60%

## Course Policy:

- 1- No late work will be accepted under any circumstances nor credit given for late homework and assignments. So don't email me and ask for extension.
- 2- No make-up quiz or exam will be given under any circumstances.
- 3- To submit any assignments, quiz and exams or any document to Canvas, you must make sure your document is saved as a pdf file. Any other types of files are not accepted.
- 4- You are entirely responsible for keeping up with course materials, catching up with subjects and ideas in this class. You must read the textbook and watch the lectures that are posted on Canvas and solve and practice as much as possible. Use the odd number exercises in your textbook and the homework assignments on WebAssign as your guidelines.
- 5- In this class we will cover the following sections from your textbook:

Chapter 2, sections: 2.1, 2.2, 2.3, 2.5, 2.6, 2.7, 2.8

Chapter 3 sections: 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.9, 3.10

Chapter 4, sections: 4.1, 4.2, 4.3, 4.4, 4.5, 4.7, 4.8, 4.9

Chapter 10, sections: 10.1, 10.2

- 6- If you find the video lectures that I have posted on Canvas not as helpful as you hoped for, you can always watch corresponding lecture from Khan Academy. In addition, If I find additional, reputable, video lectures, I will post them on Canvas.
- 7- There are no extra credits opportunity during this quarter.
- 8- Grades are not curved. What you see on Canvas is what you get at the end.
- 9- I will communicate with class via Canvas/ Announcement section.
- 10- If you need to communicate with me, you can either email me or send me a message through Canvas.
- 11- Your Quiz and Final Exam will be posted on Canvas. You have from 8AM until 8PM to answer all the questions on your quiz or exam. You must upload a detailed solution as a PDF file to Canvas.
- 12- I reserve the right to make changes to the syllabus. You will be notified via Canvas Announcement about any changes on syllabus.
- 13- Once again, all documents submitted to Canvas (Quiz, exams, etc....) must be submitted as a pdf file. Any other file format will not be accepted.

**IMPORTANT:**

**All Quiz and Exams are for your exclusive use only. Meaning you are not allowed to share them with anyone, post them online, or share it using any other means without my written and verbal permission. You can keep quiz and exams only for your own personal use.**

**To receive full credit or partial credits, you must show your work step-by-step and in detail. Write Clearly and neatly. If you just write a final answer without showing detailed work, you will not receive any credits.**

**If I can't read your work or if your work is not clear, I will not grade it and you will receive a score of zero.**

**When applicable, box your final answer.**

Good luck and have fun learning.

**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:**