

**Course:** Math 1A - Calculus

**Classroom:** E36

**Term:** Summer 2024

**College:** De Anza College, PSME Division, Mathematics Department

**Instructor:** Dr. Mo Rezvani

**Contact:** Send email using RezvaniMohamad@fhda.edu

**Text:** Calculus Early Transcendentals, 9th Edition (9E), Stewart, Clegg, and Watson; CENGAGE Publishing Co.

**Office Hours:** None (No Office Hours for Summer session - Will work with emails)

**Homework:** Will be assigned, and you are responsible to do the homework. Homework will not be graded.

**Tests:** Plan on giving 3 tests. The lowest graded test will be dropped and replaced with the average of the other two. The tests will be 60% of your grade (20% each). Absolutely no make ups will be given. Test dates may/will change. It will be announced in the class.

**Attendance:** Mandatory – Will take random attendance.

**Midterm:** None

**Final:** One final will be given. Absolutely no make ups will be given. If you have a conflict for the final exam date with another class, you must inform me within the first 2 weeks of classes. No exceptions. Final will be 40% of your grade.

**Make ups:** Absolutely no make ups will be given.

**Scaling/Curving:** The scores you make in tests and final mathematically decides your grade. No scaling/curving will be done.

**Cheating:** Will NOT be tolerated. It will result in an "F" for that test/midterm/final and may lead to an "F" for the course.

**Grades:** A: 90% to 100%; B+: 87% to 89.99%; B: 83% to 86.99%; B-: 80% to 82.99%; C+: 77% to 79.99%; C: 77% to 70%; D: 60% to 70%, F: 0% to 59.99%.

**Final Exam:** Last day of classes

**Drop Policy:** It is the responsibility of the student to drop the class after he/she attends the first session.

Week	Start Date		Sections	Special date
1	07/01/2024	M, T, W, Th	2.1, 2.2, 2.3	No classes omn Thursday, July 4th
2	07/08/2024	M, T, W, Th	2.5, 2.6, 2.7, 2.8	exam 1 on Thursday
3	07/15/2024	M, T, W, Th	3.1, 3.2, 3.3, 3,.4, 3.5	Lectures all week
4	07/22/2024	M, T, W, Th	3.6, 3.9, 3.10, 4.1	exam 2 on Thursday
5	07/29/2024	M, T, W, Th	4.2, 4.3, 4.4, 4.5	exam 3 on Thursday
6	08/05/2024	M, T, W, Th	(4.5), 4.7, 4.8, 4.9	Final exam on Thursday

<b>Classes Begin July 01, 2024</b> <b>Credit Hours 5.0</b> <b>Last Day for Adds July 08, 2024</b> <b>Census Date July 09, 2024</b> <b>Last Day for Drops w/ Refund July 02, 2024</b> <b>Last Day for Drops w/o W July 02, 2024</b> <b>Last Day for Drops July 30, 2024</b> <b>Classed End August 8, 2024</b>				

## MATH 1A – HW problems

2.1 – 1, 3, 5, 7, 9

2.2 – Odd ones from 1 to 39 (1, 3, 5, , ..., 35, 37, 39)

2.3 – Odd ones from 1 to 33 (1, 3, ..., 31, 33) 45, 47, 49, 53, 54

2.4 – N/A

2.5 – 1, 3, 7, 8, 9, 10, 11, 13, 15, 17, 21, 23, 25, 27, 29, 31, 35, 43

2.6 – 1, 3, 5, 7, 9, 15, 17, 25, 31, 35, 41, 47, 51

2.7 – 1, 5, 7, 9, 13, 15, 17, 18, 23, 25, 27, 29, 42

2.8 – 1, 3, 19, 21, 23, 25, 27, 29, 31, 35, 47

3.1 – 1 to 41 odd ones (1, 3, 5, ....37, 39, 41), 59, 61, 63, 79

3.2 – 1 to 38 odd ones (1, 3, 5, ....33, 35, 37), 43, 47, 49, 51

3.3 – 1 to 30 odd ones (1, 3, 5, ....25, 27, 29) and 45 to 60 odd ones (45, 47, 49, , 55, 57, 59)

3.4 – 1 to 60 odd ones (1, 3, 5, ....55, 57, 59) and 71, 77, 79, 81, 85

3.5 – 1 to 32 odd ones. (1, 3, ..., 29, 31) and 35, 43, 47

3.6 – 1 to 32 odd ones. (1, 3, ..., 29, 31) and 39, 43, 57

3.7 – N/A

3.8 – N/A

3.9 – 1 to 13 odd ones. (1, 3, ..., 9, 11, 13) and 39

3.10 – 1, 3, and 11 to 26 odd ones (11, 13, 15, ....., 21, 23, 25)

4.1 – 15, 21, 27, and 51 to 66 odd ones (51, 53, 55, ....., 61, 63, 65)

4.2 – 5, 9, 11, 13, 15, 17, 19, 21,

4.3 – 1, 3, 9, 13, 17, 21, 23, 35, 39, 45, 51

4.4 – 1, 3, 9, 15, 27, 33, 41, 51, 59, 65

4.5 – 1, 11, 19, 33, 45, 53

4.6 – Not required

4.7 – 3, 7, 13, 19

4.8 – 23 where  $x_1=1.3$ , 27 where  $x_1=0.8$  and 27 where  $x_1=-0.8$ ,

4.9 – 1 to 26 odd ones, 36 to 44 (odd ones)

**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:**