

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

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

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: