Course: Math 1A – CRN: 01484   MATH-1A-11

Course Details: Time: 4:00-6:15 p.m., Days: T, Th, Synchronous Lectures - Term: Fall 2020

College: De Anza College, PSME Division, Mathematics Department

Instructor: Dr. Mo Rezvani

Contact: use Canvas for all communications

Office: Online

Office Hours: M, T, W from 12:00 to 1:15 p.m.

Text: Calculus, 8th Edition by James Stewart, Single Variable Calculus, Early Transcendental

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

Tests: Plan on giving 3 tests. The lowest graded test will be dropped. The tests will be 40% of your grade (20% each). Absolutely no make ups will be given. Test dates may/will change. It will be announced in class. It is your responsibility to note the date changes and be present.

Attendance: I will take attendance. If you are late 10 minutes or more to the class or you leave 10 minutes or more earlier than class is dismissed, you will be considered absent.

Midterm: Plan on giving one midterm. It is worth 25% of your grade.   Absolutely no make ups will be given. Midterm date may/will change. It will be announced in class. It is your responsibility to note the date changes and be present.

Final: One final will be given. Absolutely no make ups will be given.   If you have a conflict for final exam date with another class, you must inform me within the first 4 weeks of classes. No exceptions. Final will be 35% 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: It is student's responsibility to check and verify date and time. The date and time may change as the quarter progresses.

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

Note:	Tests and Midterm dates may/will change. Changes will be announced in class. It is your (student) responsibility to attend the classes and be up to date and current on tests and midterm dates. It is the student's responsibility to check and confirm the final exam date and time.

Week	Week Start Date Monday	Tuesday	Thursday
1	21-Sep-20	2.1, 2.2	2.2, 2.3
2	28-Sep-20	2.5	Test 1
3	5-Oct-20	2.6, 2.7	2.8, 3.1
4	12-Oct-20	3.1, 3.2	Test 2
5	19-Oct-20	3.3, 3.4	3.4, 3.5
6	26-Oct-20	3.6, 3.9	Catch Up
7	2-Nov-20	Test 3	3.10, 4.1
8	9-Nov-20	4.2, 4.3	4.4, 4.5
9	16-Nov-20	Catch Up	Midterm - All Sections
10	23-Nov-20	4.7, 4.8	Thanksgiving Holiday
11	30-Nov-20	4.8, 4.9	Final Exam Review
12	7-Dec-20	Final Exam Week - No Lectures/Classes	

It is the responsibility of the student to confirm the dates below
September 21st - Fall qtr. begins
October 3rd - Last day to add classes
October 4th - Last day to drop without a W
October 16th - Last day to request "Pass/No Pass"
November 11th - Veterans Day - School closed
November 13th - Last day to drop with a W
November 26-29th - Thanksgiving holiday - School closed
December 7-11th - Final exams, no lectures

MATH 1A HW Assignments:

Section 2.1 – 1, 3, 5, 7, 9

Section 2.2 – 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 31, 33, 35, 37, 39, 41, 43, 45, 47

Section 2.3 – 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 35, 37, 39, 41, 43, 45, 47, 49, 51, 52, 59

Section 2.5 – 1, 3, 5, 6, 7, 8, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 44, 53

Section 2.6 – 1, 3, 5, 7, 9, 11, 15, 17, 19, 21, 23, 27, 29, 31, 33, 35, 37, 39, 41, 42, 45, 46, 47, 49, 51, 68

Section 2.7 –1, 3, 5, 7, 9, 11, 13, 15, 17, 18, 19, 21, 22, 23, 25, 27, 31, 35, 37, 39, 41, 43, 51, 53

Section 2.8 – 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 19, 21, 23, 25, 27, 29, 31, 33, 41, 42, 43, 44, 47, 59, 61

Section 3.1 – 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 38, 45, 49, 55, 57, 59, 61, 67, 69, 71, 73

Section 3.2 – 1 -> 35 (1, 2, 3, 4, 5, 6, ……., 31, 32, 33, 34,35),   37, 39, 41, 43, 45, 47

Section 3.3 –1 -> 24 (1, 2, 3, 4, 5, 6, ……., 21, 22, 23, 24),   39, 40, 41, 42, ……., 46, 47, 48, 49, 50

Section 3.4 – 1-> Odd ones 1 -> 57 (1, 3, 5, ……, 51, 53, 55, 57), 63, 67, 71, 75

Section 3.5 – Odd ones 1 to 33 (1, 3, 5, …, 29, 31, 33), 37, 49, 51, 53, 55, 57

Section 3.6 – Odd ones from 1 to 51 (1, 3, 5, 7, 9, 11, 13, ………, 45. 47, 49, 51)

Section 3.9 –Odd ones from 1 to 19 (1, 3, 5, 7, ….., 15, 17, 19),   39, 45

Section 3.10 – 1, 3, 5, 11, 13, 15, 17, 19, 21, 23, 29, 33, 35, 39

Section 4.1 – Odd ones from 1 ->49   (1, 3, 5, 7, ….43, 45. 47, 49); 53, 59, 61

Section 4.2 –   Odd ones from 1 ->21   (1, 3, 5, 7, …., 21) , 25, 27

Section 4.3 – Odd ones from 1 to 21 (1,3,5, …., 17, 19, 21) and 37, 39, 41, 43, 45, 47, 73, 75, 77

Section 4.4 – 1->31 odd ones (1, 3, 5, …., 27, 29, 31); 41, 47, 59, 65, 69, 71, 79, 87, 89

Section 4.5 – 5, 9, 15, 21, 31, 45

Section 4.7 – 3, 5, 7, 13, 21, 37

Section 4.8 – 1, 3, 5, 7, 9, 13, 15, 17

Section 4.9 – 7, 11, 15, 17, 35, 45, 49, 63, 75, 77

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.