

**Course:** Math 1A – 01224 MATH-1A-63

**Course Details:** Time: 6:30-8:45 p.m., Days: T, Th, Rm. E36, Term: Winter 2020

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

**Instructor:** Dr. Mo Rezvani

**Contact:** [rezvanimohamad@fhda.edu](mailto:rezvanimohamad@fhda.edu) (Always start your e-mail subject line with “Math-1A 6:30 pm”)

**Office:** E-33A

**Office Hours:** M, W 12:00 -> 1:10 p.m., and T, Th 3:00 – 3:45 p.m.

**Text:** Calculus, 8<sup>th</sup> Edition by James Stewart, Single Variable Calculus, Early Transcendentals

**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. If you miss the midterm, the final test score will also be counted for midterm score.

**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.

Week	Week Start Date (Sunday)	Tuesday	Thursday
1	Sunday, January 05, 2020	2.1, 2.2	2.2, 2.3
2	Sunday, January 12, 2020	2.5	Test 1
3	Sunday, January 19, 2020	2.6, 2.7	2.8, 3.1
4	Sunday, January 26, 2020	3.1, 3.2	Test 2
5	Sunday, February 02, 2020	3.3, 3.4	3.4, 3.5
6	Sunday, February 09, 2020	3.6, 3.9	Catch Up
7	Sunday, February 16, 2020	Test 3	3.10, 4.1
8	Sunday, February 23, 2020	4.2, 4.3	4.4, 4.5
9	Sunday, March 01, 2020	4.5, Catch Up - Midterm Review	Midterm - All Sections
10	Sunday, March 08, 2020	4.7, 4.8	4.8, 4.9
11	Sunday, March 15, 2020	Catch Up	Catch Up, Final Review
12	Sunday, March 22, 2020	Final Exam Week - No Lectures/Classes	

**It is the responsibility of the student to confirm the dates below**

January 18 :: Last day to add

January 19 :: Last day to drop for a full refund or credit

January 19 :: Last day to drop a class without a W

January 31 :: Last day to request pass/no pass grade

February 28 :: Last day to drop with a W

**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.