Math 114.37z(CRN: 34641)   **Winter 2021**   **Intermediate Algebra**
Rooms: zoom conference   **Instructor**: Parviz Sales
Office hours: 6:15-6:45 Tue. & Thur., Room: Zoom conf.
Phone: (408) 342-4291   **Email:** psales@mitty.com

Prerequisite: Qualifying score on Math Placement Test within last calendar year; or Mathematics 212 with a grade of C or better.

Course Description: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real-world applications and interpretation of their characteristics.

Textbook & Relate Materials: Intermediate Algebra, 7th Edition by Blitzer. The De Anza Bookstore will have the book in stock, and an e-book will also be available from RedShelf. A scientific calculator is required. A graphing calculator is recommended. The TI-83 or TI-84 is preferred, and the TI-89 is not allowed.

Attendance: Success in the class requires regular and consistent attendance. Students have complete responsibility for withdrawing from the course for any and all their reasons. The last day to drop the class with a "W" is February 26th. Students who don't withdraw in a timely manner and stop attending class will receive a final grade of "F".

Homework: There are 5 homework assignments(Canvas upload). These are assigned randomly during the quarter. All the homework will be worth as 50 points. Late Assignment will not be accepted.

Assessments: There will three quizzes, each 25 points and two tests, each of those 100 points. There will be no make-up for missed assessment, as I cannot accommodate that. Nonetheless in the unfortunate event of an absence, I will duplicate your final grade for only one missed assessment. Final Exam will be comprehensive and worth 120 points. Final Exam is mandatory and not taking it translates to a final quarter grade of "F". (Department policy.) Final Exam will be given on Thursday, 3-25 @ 4:00 pm. Please don't ask for an early final, as I won't be able to accommodate that. Thanks.

Grading: Your quarter grade will be determined with the following scale:

97% - 100%	A+	93% - 96%	A	90% - 92%	A-
87% - 89%	B+	83% - 86%	B	80% - 82%	B-
77% - 79%	C+	70% - 76%	C	67% - 69%	D+
63% - 66%	D	60% - 62%	D-	59% and below	F

Some notes about online learning: First of all, this class is fully synchronous. That means you have to be present @4:00pm Tuesday and Thursday. That is where the action is, so to speak. There will be instruction, followed up with examples. Additionally, all assessments will go down during class time. There will be no posting of lectures and notes online, as I am technologically challenged. Sorry. I recommend and facilitate study partners. Here we go…

Study partner #1 contact information: _____

                                        Study partner #2 contact information: _____

Study partner #3 contact information: _____

                                        Study partner #4 contact information: _____

Tutoring Services: The De Anza campus has a tutorial center for math students where students can get "drop in" help. Students can also register to have a regular, assigned tutor for help throughout a quarter. Disclaimer: I have no information about their operation for the Winter quarter. Sorry.

Tentative Schedule for Math 114, Winter 2021

	Tuesday	Thursday
January	5 Introduction, Section 1.6	7 Sections 1.7, 4.3
January	12 Section 5.6	14 Sections 6.2, 6.3
January	19 Section 6.4, **Quiz 1**	21 Sections 6.6, 6.7
January	26 Sections 7.1, 7.2	28 Section 7.3
February	2 Sections 7.4, 7.5	4 **Test 1**
February	9 Sections 7.6, 9.1	11 Section 9.2
February	16 Sections 9.3, 9.4	18 **Quiz 2**
February	23 Sections 9.5, 9.6	25 Section 10.1
March	2 **Test 2**	4 Section 11.1
March	9 Section 11.2	11 Section 11.3
March	16 **Quiz 3**	18 **Final review**
March	23 **No Class**	25 **Final Exam @4 p.m.**

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
*Analyze, interpret, and communicate results of exponential, logarithmic, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.