DeAnza College

Winter 2023 MATH 114–15Y MTWH 12:30 – 1:20 MLC108

Instructor:	Lin. Zhang **Email**: zhanglinlin@fhda.edu **Class Website:** https://deanza.instructure.com **HW Website:** https://www.myopenmath.com
Text:	Intermediate Algebra by Lynn Marecek, Santa Ana College
Equipment:	Scientific Calculator
Class meetings	**MTWH 12:30 – 1:20 PM MLC 108**
Office Hours:	**MW 1:20 – 2:00 PM at 2nd Floor of MCL building** **Friday 12PM - 1PM through Zoom** https://fhda-edu.zoom.us/j/86405375349?pwd=NnVoei9XUkE5ZTR6QWNTUmo3UXdMdz09 Meeting ID: 864 0537 5349 Passcode: 451996

1. Course Objective

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.

2. Student Learning Outcome

- 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, and rational models in a logical manner from four points of view - visual, formula, numerical, and written

3. Drop Policy:

Attendance is integral to your success in this course. Any student who misses one meeting without notifications in the first two weeks will be dropped from the class. But, it is always **your responsibility to drop the class** if you feel like you can't continue for any reason.

6. Academic Integrity:

Copying another student's solutions, or using unauthorized materials (notes or cellphones) during tests are considered cheating. Violation of this policy will result in the student receiving ZERO credit for the entire assignment or test. Further action may be taken depending on the circumstance.

4. Canvas

All assignments, handouts and class announcements will be posted on Canvas. It is your responsibilities to check Canvas at least once a week to be current with the class.
I will also use Canvas to send out class email so check your inbox daily.
You can login with your **campuswide ID** and initial password of **mmddyy** (your birthday).

5. Grade:

All handouts, class announcements and your **grades** will be posted on the **Canvas** website (https://deanza.instructure.com). It is your responsibilities to check the website at least once a week.

8 Quizzes (drop 1)	7%	**A: 90-100%**
30 InClass (drop 4)	17%	**B: 80-89%**
9 Homework	20%	**C: 70-79%**
3 Exams	42%	**D: 60–69%**
Final Exam	14%	**F: 0-59%**
Total	100%	

Quizzes

Most week will have quizzes assigned on Friday. Quizzes are open notes. Please complete the problems an submit the file to Canvas by Monday 12:30PM before class.

In Class Assignments

The online version of each InClass assignment is broken down as two handouts: "note" and "inclass". You will need to complete the "inclass" portion and turn them in at the end of class. In the events of absence, you can earn back the points by complete the corresponding ONLINE version of the assignments by Sunday of each week. If you miss the Sunday deadline, you can complete the in-class in "Practice" mode, but there is a 15% penalty when I record your score later. 2 lowest scored inclass assignments will be dropped at the end of the term.

Homework:

Each chapter has its own homework assignment on MyOpenMath. Even I don't require you to submit your work, you are still encouraged to work out the problem on a piece of paper.
Each student are given **8 late passes (96 hours each)**. After a homework assignment is due, you should see a "late pass" button. There is no penalty of using late passes. After using all the late passes, you can still complete assignment in "Practice" mode, but there is a 15% penalty.

Exams

Three exams will be given throughout the term. You CAN'T drop any exam.
You will be given chance to do **Test correction quizzes** to earn up to 50% of the points you LOSE from an exam. If you score 70% on Test 1, you can potentially get back (1/2)*(100 – 70)% = 15% That means your new Test 1 score is 85% = 70% + 15%.

Final Exams

We have an accumulated exam at the end of quarter. Our final exam day is **Monday June 21.**

6. Support Services

Students with disabilities needing reasonable accommodations should inform me in the beginning of the quarter. To begin the reasonable accommodations process, I will need to fill out a request form from the Disabilities Support Services (DSS). For more information, please visit the DSS office at SCSB 141, call (408) 864-8753 /(408) 864-8748 TTY, or go to www.deanza.edu/dss.

7. Tutoring

The Math, Science, and Technology Resource Center (**S43**) provides free individual and small group drop-in services. For more information, go to https://www.deanza.edu/studentsuccess/

8. Calendar

Month	Monday	Tuesday	Wednesday	Thursday	Friday (online)
January	9 Syllabus	10 Ch 1 InClass 1	11 2.1 InClass 2A	12 2.5/2.6 InClass 2B	13 **Quiz 1** Mixed practice
January.	16 Holiday MLK	17 2.7 InClass 2C	18 11.1 InClass 2D	19 3.5 InClass 12A	20 **Quiz 2**
January.	23 12.1 InClass 12B	24 12.3 InClass 12D	25 12.1/12.3 InClass 12D	26 6.1 InClass 6A	27 **Quiz 3** Test 1 Review
January.	30 6.2 InClass 6B	31 6.3 InClass 6C	1 **Test 1 Part 1** Ch1 – 11.1	2 **Test 1 Part 2** 3.5 – 12.3	3
February.	6 6.5 InClass 6D	7 7.1 InClass 7A	8 7.2 InClass 7B	9 7.4 InClass 7C	10 **Quiz 4** Mixed practice
February.	13 7.5 InClass 7D	14 8.1 InClass 8A	15 8.2 InClass 8B	16 8.3 InClass 8C	17 **Quiz 5** Test 2 Review
February.	20 Holiday President's	21 8.4 InClass 8D	22 **Test 2 Part 1** 6.1 – 6.5	23 **Test 2 Part 2** 7.1 – 7.5	24
February.	27 8.5 InClass 8E	28 8.6 InClass 8F	1 9.1 InClass 9A	2 8.8/9.3 InClass 9B	3 **Quiz 6** Mixed practice
March	6 9.3 InClass 9C	7 3.5/3.6	8 10.1	9 10.2	10 **Quiz 7** Test 3 Review
March	13 10.3	14 10.4	15 **Test 3 Part 1**	16 **Test 3 Part 2**	17
March	20 10.5	21 10.5	22 **Quiz 8**	23 Test 4 Review	24
March	27 No class	28 No Class	29 **Final Exam** **11:30 – 1:30 PM**		

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.

Office Hours:

M,W	03:00 PM	03:50 PM	In-Person	S46
M,W	01:25 PM	02:00 PM	In-Person	MLC Lounge 2nd Floor