



Course Details: Time: 12:30 pm -1:20 p.m. All 5 days

Days: M, T, W, TH (Room number MLC 108)

F - online Via zoom in Canvas

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

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.

Prerequisite: Completion of Math 212 with a grade of C, or equivalent, or qualifying score on the Placement Test.

Instructor: Neelam Shukla

Contact: Shuklaneelam@fhda.edu

(Always start your e-mail subject line with “Math-114-15Y-W22”)

Office Hours: Wednesday 5:30 pm-6:30 pm via Confer Zoom on Canvas.

Text: Intermediate Algebra by Blitzer 7th edition.

Course Requirements: Windows PC or laptop, Mac or MacBook, or Chromebook:

This class cannot be taken on a phone, regardless of its make or model, and

cannot be taken on an iPad either. Zoom recordings will be available for Friday

lectures. But office hours recordings will be available on request.

We will be using Pearson for our class this quarter for online homework and e-book.

Grading Policies

This Policy in extreme cases is subject to change. Your grade will be calculated as

follows: **Exams** 48% (Withdraw one least score) **Final Exam:** 15 %

Homework 22%

Quizzes (Lowest will be dropped) 15%

Grades: A: 90% to 100%;A-: 88% to 89.99% B+: 86% to 87.99 %; 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%.

Exams

There will be four in class exams beside the final. One least score of the exam will be dropped.

You may use a scientific/graphing calculator during all the exams. You may use formula card notes on each exam.

There are no make-up exams , Please be ready to take your exams on the scheduled days and times. The days and times will be on our tentative schedule. You will get notifications via Canvas for all the assignments due.

Final: One final will be given. Absolutely no make ups will be given. If there is a conflict with another class on your final exam date, please make arrangements by informing me within the first 4 weeks of classes. No exceptions.

Quizzes

We have 5 quizzes via canvas. The lowest Quiz will be dropped. I will make quizzes available over a period of one or two days, but you can only take it once and it will be timed. The dates will be on our tentative schedule.

Homework

The HW problems for each section along with its due date will be available on canvas you can do it on a paper and submit in the class.

Working on your homework is the best way to study for the exams. The Questions on the exams are very similar to your homework problems.

Final Exam on 23rd March,2022 from 11:30 am- 1:30 pm

Academic Integrity:

All students are expected to be academically honest throughout the term. Any instances of cheating or plagiarism will result in disciplinary action, which may include recommendation for dismissal. You are encouraged to work together but submitting someone else's work as your own is never acceptable! Also, that activity will be of no help to you later. Cheating will result in getting a 0 on the assignment or assessment, an 'F' in the course, or dismissal from the class.

Also, each incident of cheating will be reported to the Dean of the Physical Science, Mathematics and Engineering Division. Please see the De Anza College's page on Academic Integrity:

https://www.deanza.edu/policies/academic_integrity.html (Links to an external site.). Also,

please watch this video that's designed to help you understand what academic honesty means:

<https://www.youtube.com/watch?v=4unoOe-l0eY> (Links to an external site.)

Disability Notice:

If you feel that you may need an accommodation based on the impact of a disability, please contact me privately to discuss your specific needs. Also, please contact Disability Support Programs & Services through <https://www.deanza.edu/dsps/> (Links to an external site.) for information or questions about eligibility, services, and accommodations for physical, psychological or learning disabilities.

Help:

1. Your classmates are a great resource. Ask for help and provide help to others either within your current groups or using Canvas discussion boards!
2. Visit me during office hour for homework help.
3. Ask questions during our synchronous meetings on Monday through Friday in the class and office hours.
4. Get help from De Anza's Math Student Success Center. See details at <http://deanza.edu/studentssuccess/> (Links to an external site.).
Use NetTutor (available 24/7) for help through Canvas. You can also access SmartThinking through MyPortal.
5. If you need any technical help with MyPortal, Zoom, Canvas, etc., visit <https://www.deanza.edu/online-fall/#Learning> (Links to an external site.).
6. **Important Dates: Go to** <https://www.deanza.edu/calendar/>

No class on 01/17/2022 Martin Luther King Jr.

02/18/2022-02/21/2022 Presidents' Holiday - no classes, offices closed

# Week		
1 st (Jan 3-7)	Sec 1.6,1.7	
2 nd (Jan 10-17)	Sec 4.1,4.2,4.3,5.6	Quiz 1 (via zoom)
3 rd (Jan 17- 21)	Sec 6.1,6.2,6.3,6.4	Exam 1 (Ch1,4) (In class)
4 th (Jan 24-28)	Sec 6.6,6.7,6.8	
5 th (Jan 31, Feb1-4)	7.1-7.5	Quiz 2 (Ch 6) (via zoom)
6 th (Feb 7-11)	7.6,9.1,9.2	Exam 2 (Ch 6,7) (In Class)
7 th (Feb 14-18)	9.3,9.4,9.5,9.6	Quiz 3 (Ch 9) (via zoom)
8 th (Feb 21-25)	10.1,11.1	Exam 3 (Ch 9,10) (In class)
9 th (Feb 28, March 1-4)	11.2	
10 th (March 7-11)	11.3	Quiz 4(Ch 11) (via zoom)
11 th (March 14-18)	Review	Exam 4 (Ch 10,11) (In class)
12 th (March 21-25)	Review	Final Exam on 23rd March,2022 from 11:30 am- 1:30 pm (In class MLC 108)

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.