De Anza College
Math 114 – Intermediate Algebra (CRN# 27597)

Instructor: Alex Cheng **Email:** chengalex@fhda.edu

Office Hours: Tuesday & Thursday 3 PM - 4 PM in MLC 111

Class meets in person every **Tuesday** & **Thursday** from **4:00PM-6:15 PM** in **MLC 111**

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

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

Textbook & Required Materials:
- College Math Preparation Level 3: Intermediate Algebra, Student Workbook; Developed by Doli Bambhania, 201
- Calculator: 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: Students are expected to attend all class meetings, arrive on time, take note, and stay for the entire class. The instructor reserves the right to drop/withdraw students who are absent more than five lectures during the quarter. However, a student who discontinues coming to class and does not drop the course will get an F. It is the student's responsibility to drop the course.

Smartphone Use: All smartphones must be on silent mode and put away during lecture. We do not learn how to text or search the Web in this class, so there is no reason to have smartphones out during class unless the instructor allows so.

Grade Breakdown: A:100-90% B:89.99-80% C:79.99-70% D:69.99-60% F:<59.99%

Classwork	100 Points
Quizzes (4)	80 Points
Exams (3)	300 Points
Final	100 Points

Total	580 Points

Homework: The purpose of homework is to help you learn the material in the course. You learn the most and do your best if you do the homework problems. The homework will **NOT** be collected. It is for you to do on your own for practice. Again, do not turn in the homework, it is for your own practice.

Quizzes: Each quiz is worth 20 points. Four quizzes will be given during the Fall Quarter. No make-up quizzes are given.

Exams: Three 100-point examinations will be given during the Fall Quarter. No make-up exams will be given. You may replace the lowest exam with the final exam score if the final exam score is higher.

Final: The final exam will be comprehensive and will be given in person. See Tentative schedule.

Tutoring Services: The De Anza campus has a free tutorial center for math students where students can get "drop in" help or make appointments with a tutor. Also, there are specific MPS tutors available for free. Check Canvas for links to access these tutors through Zoom meetings. Additionally, I am very glad to help you in office hours. Please use your resources.

Academic Integrity: All students are expected to exercise high levels of academic integrity throughout the quarter. You are encouraged to work together but you are expected to write up your answers independently. Any instances of cheating or plagiarism will result in disciplinary action, including getting a '0' on the assignment and report to the PSME dean, which may lead to dismissal from the class or the college

Student Honesty Policy: "Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action which may include recommendation for dismissal."

Disabled Services: Students who have been found to be eligible for accommodations by Disability Support Services (DSS), please follow up to ensure that your accommodations have been authorized for the current quarter. If you are not registered with DSS and need accommodations, please go to http://www.deanza.edu/dss.

Recipe for Success:

1. If you ever have any questions, Email me! You are welcome to send email to me whenever you need help!

2. Visit the Online Tutoring Center.
3. Form a study group.
4. Attend all lectures, participate in every discussion, and complete every homework assignment.
5. Read the sections to be discussed in class prior to the lecture

Spring 2024 Tentative Schedule

Weeks	Tuesdays	Thursdays
1	1.1 - 1.3	1.4, 1.5, 2.1
2	2.2 - 2.4 and Quiz #1	3.1 - 3.2
3	4.1, 4.2, 5.1 and Quiz #2	5.1 - 5.4
4	Test#1 (Ch.1-4)	6.1, 6.2, 7.1
5	7.1 - 7.3	7.4 - 7.6
6	8.1, 8.2 and Quiz #3	9.1 - 9.3
7	Test#2 (Ch.5-8)	9.4 - 9.6
8	10.1, 10.2	Veteran's Day
9	10.3, 10.4, 11.1 and Quiz #4	11.1 - 11.3
10	Test#3 (Ch.9 - 11)	Thanksgiving
11	12.1 - 12.3	review for the final
12	Final Examination: 4:00-6:15 PM	

Important Dates and Deadlines: http://www.deanza.edu/calendar/dates-and-deadlines.html

De Anza Final exams schedule: https://www.deanza.edu/calendar/final-exams.html

***This syllabus is subject to change at the instructor's discretion. Changes will be announced in class and on Canvas.**

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

Office Hours:

Email,In-Person		T	8:45 PM	9:15 PM
In-Person,Email	MLC111	T,TH	3:00 PM	4:00 PM