De Anza College
Winter 2024

Course: Intermediate Algebra (MATH D114.37)
Lecture: 4:00-6:15 Tue/Thurs Room G2
Office Hours: 6:15-6:45 Room G2
PSME Web Site: http://deanza.edu/psme/

Instructor: William Abb
Email:abbwilliam@fhda.edu

Prerequisite: Elementary algebra or equivalent (or higher), or appropriate placement beyond elementary algebra.

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

Materials: Textbook: Intermediate Algebra, 7th Edition by Blitzer.
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.

Student Learning Objectives: 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.

Exams: Three 100-point examinations will be given during the Winter 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 date is listed on the calendar. To pass the class, you must take the final examination. The final examination will be given on Thursday, March 28th from 4:00-6:00.

Homework: Homework will be assigned each class session. Assignments will be reviewed on the next class session.

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

Attendance: Students are encouraged to attend class each night in order to succeed. Students are responsible for dropping or withdrawing from the class.

Points : 1 final examination @ 100 points = 100 points
3 tests@100 points=300 points
4 quizzes @ 20 points each = 80 points

Total points = 480 points

Grading:

A	432-480
B	384-431
C	336-383
D	288-335
F	0-287

Winter 2024 Math 114 (Abb)

January 9th and 11th
Sections 1.6,1.7, and 4.3

January 16th and 18th
Sections 5.6, 6.1, and 6.2
Quiz #1

January 23rd and 25th
Sections 6.3, 6.4
Quiz #2

January 30th and February 1st
Sections 6.6, 6.7, and review for the test
Test#1

February 6th and 8th
February 3rd and 5th
Sections 7.1,7.2, and 7.3

February 13th and 15th
Sections 7.4, 7.5, 7.6
Quiz #3

February 20th and 22nd
Sections 9.1
Test #2

February 27th and 29th
Sections 9.2,9.3, 9.4

March 5th and 7th
Sections 9.5,9.6, and 10.1
Quiz #4

March 12th and 14th
Sections 11.1 and 11.2
Test #3

March 19th and 21st
Section 11.3 and review for the final

March 28th
Final Examination: 4:00-6:00 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, and rational models in a logical manner from four points of view - visual, formula, numerical, and written.

Office Hours:

T,TH	06:15 PM	06:45 PM	In-Person	G2