De Anza College
Winter 2022
Math 114.40Z

Course: Intermediate Algebra Instructor: William Abb Email: abbwilliam@fhda.edu
PSME Web Site: http://deanza.edu/psme/

Instruction Option: The course will be partially synchronous, with a portion taught on Zoom, and a portion taught on Canvas. I will be using the following schedule each day.

Section 40Z: Tuesday and Thursday

Zoom:	4:00-5:30 Lecture and Review
Canvas:	5:30-6:15 Canvas Lesson
Office Hours:	3:30-4:00 On Zoom

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

Materials: Textbook: 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.
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.

Goals: For each student to be able to apply and retain the information from the course.

Exams: Two 100-point examinations will be given during the Winter Quarter. Tests will be given during the Lecture portion of the class. 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 24th from 4:00-7:00 pm.

Homework: Homework will be assigned each night. Students are required to submit assignments on Canvas. Ten assignments will be given during the quarter. Each assignment is worth 10 points. The first homework assignment is due on the second week of the quarter. Late homework will not be accepted.

Quizzes: Each quiz is worth 10 points. Five quizzes will be given during the quarter. Quizzes will be given during the last 45 minutes of class on Canvas. No make-up quizzes will be given.

Assigned Points:
2 examination @ 100 points each = 200 points
1 final examination @ 100 points = 100 points
10 assignments @ 10 points each = 100 points
5 quizzes at@10 points each = 50 points

Total points = 450 points

Grading:

A+	437-450
A	419-436
A-	405-418
B+	392-404
B	374-391
B-	360-373
C+	347-359
C	315-346
D+	302-314
D	284-301
D-	270-283
F	0-269

Winter 2022 Math 114.40Z (Abb)

January 4th and 6th **Week #1**
Sections 1.6,1.7, 4.3, and 5.6

January 11th and 13th **Week #2**
Sections 6.1, and 6.2
Quiz #1
Homework #1(Sections 1.6,1.7,4.3, and 5.6)
January 18th and 20th Week #3
Sections 6.3, 6.4

Quiz #2
Homework #2 (Sections 6.1 and 6.2)

January 25th and 27th **Week #4**
Sections 6.6 and 6.7
Test #1
Homework #3 (Sections 6.3 and 6.4)

February 1st and 3rd Week #5
Sections 7.1,7.2, and 7.3
Quiz #3
Homework #4 (Sections 6.6 and 6.7)

February 8th and 10th **Week #6**
Sections 7.4, 7.5, 7.6
Quiz #4
Homework #5 (Sections 7.1,7.2, and 7.3)

February 15th and 17th **Week #7**
Sections 9.1, 9.2
Homework #6 (Sections 7.4,7.5, and 7.6)

February 22nd and 24th **Week #8**
Sections 9.3,9.4
Test #2
Homework #7 (Sections 9.1 and 9.2)
Note: February 25th is the last day to drop with a "W"

March 1st and 3rd **Week #9**
Sections 9.5,9.6,10.1
Quiz #5
Homework #8 (Sections 9.3 and 9.4)

March 8th and 10th **Week #10**
Sections 111 and 11.2
Homework #9 (Sections 9.5,9.6, and 10.1)

March 15th and 17th **Week #11**
Sections 11.3 and Review

Homework #10

March 24th Thursday **Week #12**
Final Examination 4:00-7:00 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, rational, and discrete models in a logical manner from four points of view - visual, formula, numerical, and written.