De Anza College
Spring 2017

Course: Intermediate Algebra (MathD114.63)
Lecture: 6:30-8:45 Mon/Wed Rm: MLC 108
Office Hours: 8:45-9:15 Rm: MLC 108
PSME Web Site: http://deanza.edu/psme/

Instructor: William Abb
Email: abbwilliam@fhda.edu

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.
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.

Objectives: The student will:

a. Develop systematic problem solving methods.
b. Investigate the characteristics of rational relationships.
c. Develop rational function models to solve problems.
d. Explore the concepts of inverse relations and functions.
e. Investigate exponential relationships.
f. Explore logarithmic functions.
g. Develop exponential and logarithmic models to solve problems.
h. Investigate distance and develop the equation of a circle.
i. Explore sequences and series.
j. Investigate how mathematics has developed as a human activity around the world.

Student Learning Outcomes: The student will:

a. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
b. 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.

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

Exams: Three 100 point examinations will be given during the Spring 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 Wednesday, June 28th from 6:15-8:45 pm.

Homework: Homework will be assigned each class session. Assignments will be collected each Wednesday. Each assignment will be worth 10 points.

Quizzes: Each quiz is worth 10 points. Six quizzes will be given during the quarter.

Attendance: Students are encouraged to attend class each night in order to succeed.

Assigned Points:
3 examination @ 100 points each = 300 points
1 final examination @ 150 points = 150 points
10 homework assignments @10points =100 points
6 quizzes @ 10 points each = 60 points

Total points = 610 points

Grading:

A+	592-610
A	568-591
A-	549-567
B+	531-548
B	507-530
B-	488-506
C+	470-487
C	427-469
D+	409-426
D	385-408
D-	366-384
F	0-365

Spring 2017 Math 114 (Abb)

April 10th and 12th

Sections 1.6,1.7,4.3, and 5.6

April 17th and 19th

Sections 6.1,6.2,
Quiz #1

April 24th and 26th

Sections 6.3, 6.4
Quiz #2

May 1st and 3rd

Sections 6.6, 6.7, and Review ForThe Test
Test #1

May 8th and 10th

Sections 7.1, 7.2, and 7.3
Quiz #3

May 15th and 17th
Sections 7.4, 7.5, 7.6
Quiz #4

May 22nd and 24th

Sections 9.1
Test #2

May 29th and 31st (Holiday on 29th: Memorial Day)

Sections 9.2,9.3,9.4
Quiz #5

June 5th and 7th

Sections 9.5,9.6, and 10.1
Quiz #6

June 12th and 14th

Sections 11.1 and 11.2
Test #3

June 19th and 21st

Section 11.3 and Review For The Final

June 28th

Final Examination: 6:15-8:45 PM