De Anza College
Spring 2015

Course: Intermediate Algebra (Math 114)
Lab: 6:30-8:20 S42 Monday/ Wednesday
Lecture: 8:30-10:20 Monday and Wednesday S16
PSME Web Site: http://deanza.edu/psme/

Instructor: Bill Abb
Email: babb@mitty.com

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, 5th Edition by Blitzer(2nd De Anza Custom ed.) **(Required)**The textbook is purchased in the De Anza College Bookstore.The textbook will include the Student Access Code to MyMathLab.(**Required**)
MyMathLab Course ID Code: abb99205

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 24th , from 8:30-10:30 PM.

Homework: Students will complete homework assignments on MyMathLab. No late work will be accepted. **MyMathLab Course ID: abb99205**

Quizzes: Quizzes are indicated on the calendar and are based on the completed homework assignments. Missed quizzes cannot be made up for any reason.

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
MyMathLab homework = 150 points
4 quizzes @ 25 points each = 100 points

Total points = 700 points

Grading:

A+	679-700
A	651-678
A-	630-650
B+	609-629
B	581-608
B-	560-580
C+	539-559
C	490-538
D+	469-489
D	441-468
D-	420-440
F	0-419

Spring MyMathLab 114 (Mr. Abb)

Homework is done in MyMathLab in lab and outside of class. You will not be able to complete all of your homework during the assigned lab times.

April 6th and 8th

Sections 1.6,1.7,4.3, and 5.6

April 13th and 15th

Sections 6.1,6.2, and 6.3
Quiz #1

April 20th and 22nd

Sections 6.3, 6.4

April 27th and 29th

Sections 6.6 and 6.7
Test #1

May 4th and 6th

Sections 7.1, 7.2, and 7.3

May 11th and 13th

Sections 7.4, 7.5, 7.6
Quiz #2

May 18th and 20th

Sections 9.1, 9.2, 9.3

May 25th and 27th (25th is the Memorial Day Holiday)

Review and Test #2

June 1st and 3rd

Sections 9.4, 9.5, and 9.6
Quiz #3

June 8th and 10th

Sections 10.1, and 11.1
Test #3

June 15th and 17th

Sections 11.2 and 11.3
Quiz #4

June 22nd and 24th

Monday: Review Night
Wednesday: Final Examination 8:30-10:30 pm