

Math 114 De Anza College Fall 2015

Course: Intermediate Algebra (Math 114) Instructor: Bill Abb
Lab: 6:30-8:20 S42 Monday/ Wednesday Email: babb@mitty.com
Lecture: 8:30-10:20 Monday and Wednesday S16 Email: abbwilliam@fhda.edu
Office Hours: 5:30-6:30 Math Tutoring Lab
PSME Web Site: <http://deanza.edu/psme/>

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: abb36268

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 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: To pass the class, you must take the final. The final will be given on Monday, December 7th from 8:30-10:30.
- Homework: Students will complete homework assignments on MyMathLab. No late work will be accepted. **MyMathLab Course ID: abb36268**
- 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: 3 examination @ 100 points each = 300 points
 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

Fall 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.

September 21st and 23rd

Sections 1.6, 1.7, 4.3, and 5.6

September 28th and 30th

Sections 6.1, 6.2, and 6.3
 Quiz #1

October 5th and 7th

Sections 6.3, 6.4

October 12th and 14th

Sections 6.6 and 6.7
 Test #1

October 19th and 21st

Sections 7.1, 7.2, and 7.3

October 26th and 28th

Sections 7.4, 7.5, 7.6
Quiz #2

November 2nd and 4th

Sections 9.1, 9.2, 9.3

November 9th and 11th (Veteran's Day Holiday on Monday)

Review and Test #2

Lab: Review Night

November 16th and 18th

Sections 9.4, 9.5, and 9.6
Quiz #3

November 23rd and 25th

Sections 10.1, and 11.1
Test #3

November 30th and December 2nd

Sections 11.2 and 11.3
Quiz #4

December 7th Final Examination 8:30-10:30 pm