

## 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](mailto:babb@mitty.com)  
Lecture: 8:30-10:20 Monday and Wednesday S16                      Email: [abbwilliam@fhda.edu](mailto: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, 5<sup>th</sup> Edition by Blitzer(2<sup>nd</sup> 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 7<sup>th</sup> 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.

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#### **September 21<sup>st</sup> and 23<sup>rd</sup>**

Sections 1.6, 1.7, 4.3, and 5.6

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#### **September 28<sup>th</sup> and 30<sup>th</sup>**

Sections 6.1, 6.2, and 6.3  
 Quiz #1

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#### **October 5<sup>th</sup> and 7<sup>th</sup>**

Sections 6.3, 6.4

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#### **October 12<sup>th</sup> and 14<sup>th</sup>**

Sections 6.6 and 6.7  
 Test #1

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**October 19<sup>th</sup> and 21<sup>st</sup>**

Sections 7.1, 7.2, and 7.3

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**October 26<sup>th</sup> and 28<sup>th</sup>**

Sections 7.4, 7.5, 7.6  
Quiz #2

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**November 2<sup>nd</sup> and 4<sup>th</sup>**

Sections 9.1, 9.2, 9.3

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**November 9<sup>th</sup> and 11<sup>th</sup> (Veteran's Day Holiday on Monday)**

Review and Test #2

Lab: Review Night

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**November 16<sup>th</sup> and 18<sup>th</sup>**

Sections 9.4, 9.5, and 9.6  
Quiz #3

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**November 23<sup>rd</sup> and 25<sup>th</sup>**

Sections 10.1, and 11.1  
Test #3

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**November 30<sup>th</sup> and December 2<sup>nd</sup>**

Sections 11.2 and 11.3  
Quiz #4

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**December 7<sup>th</sup>** Final Examination 8:30-10:30 pm