

**De Anza College**  
**Winter 2021**  
**Math 114.46Z**

Course: Intermediate Algebra  
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Instructor: William Abb

Email:

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 46Z: Tuesday and Thursday**

Zoom: 6:30-8:15 Lecture and Review  
Canvas: 8:15-8:45 Canvas Lesson  
Office Hours: 6:00-6:30 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 Canvas 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 Tuesday, March 23<sup>rd</sup>, during the scheduled class time.

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 30 minutes of class on Canvas.

Assigned: 2 examination @ 100 points each = 200 points  
Points 1 final examination @ 100 points = 100 points  
10 assignments @ 10 points each = 100 points  
5 quizzes @ 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 2021 Math 114 (Abb)

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January 5<sup>th</sup> and 7<sup>th</sup>  
Sections 1.6, 1.7, 4.3, and 5.6

Week #1

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January 12<sup>th</sup> and 14<sup>th</sup>  
Sections 6.1, and 6.2  
Quiz #1  
Homework #1 (Sections 1.6, 1.7, 4.3, and 5.6)

Week #2

January 19<sup>th</sup> and 20<sup>st</sup>

Week #3

Sections 6.3, 6.4  
Quiz #2  
Homework #2 (Sections 6.1 and 6.2)

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**January 26<sup>th</sup> and 28<sup>th</sup>** **Week #4**  
**Sections 6.6 and 6.7**  
**Test #1**  
**Homework #3 (Sections 6.3 and 6.4)**

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February 2<sup>nd</sup> and 4<sup>th</sup> **Week #5**  
Sections 7.1,7.2, and 7.3  
Quiz #3  
Homework #4 (Sections 6.6 and 6.7)

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**February 9<sup>th</sup> and 11<sup>th</sup>** **Week #6**  
Sections 7.4, 7.5, 7.6  
Quiz #4  
Homework #5 (Sections 7.1,7.2, and 7.3)

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**February 16<sup>th</sup> and 18<sup>th</sup>** **Week #7**  
Sections 9.1, 9.2  
Homework #6 (Sections 7.4,7.5, and 7.6)

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**February 23<sup>rd</sup> and 25<sup>th</sup>** **Week #8**  
Sections 9.3,9.4  
Test #2  
Homework #7 (Sections 9.1 and 9.2)

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**March 2<sup>nd</sup> and 4<sup>th</sup>** **Week #9**  
Sections 9.5,9.6,10.1  
Quiz #5  
Homework #8 (Sections 9.3 and 9.4)

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**March 9<sup>th</sup> and 11<sup>th</sup>** **Week #10**  
Sections 11.1,11.2,11.3  
Homework #9 (Sections 9.5,9.6, and 10.1)

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**March 16<sup>th</sup> and 18<sup>th</sup>** **Week #11**

**Sections 11.3 and Review**  
Homework #10

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**March 23<sup>rd</sup>**  
**Final Examination 6:30 to 9:30**

**Week #12**

**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.