

MATH 114.06 Intermediate Algebra

Instructor: Ruey-Hsia Li

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Class Hours: Monday – Friday 9:30 AM – 10:20 AM, Room G4

Office Hours: Tuesdays 10:30 AM – 11:20 AM, Room S43

Course CRN: 22040

Course Homepage: The course homepage can be accessed by clicking the course link in *My Portal*. Course information and announcements can be found under *Announcements* and *Files*.

Prerequisites: Qualifying score on the math placement test within the last calendar year or MATH 212 or equivalent with a grade of C or better.

Textbook: Intermediate Algebra for College Students, De Anza 2nd Custom Edition (5th Edition) by Robert Blitzer.

Course Description: This course is intended to extend and reinforce the concepts and skills learned in elementary algebra. Topics covered include compound inequalities, absolute value equations and inequalities, rational functions and equations, radical expressions and equations, exponential and logarithmic functions, and sequences and series. Conceptual understanding and problem solving will be emphasized throughout the course.

Student Learning Outcomes: Upon successful completion of this course, the student should be able to

- 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.

Attendance: Students are expected to maintain regular attendance. If the number of absences prevents the student from meeting the objectives of the course, the student may be dropped from the class.

Homework: Students are expected to turn in homework on time. Homework is graded based on efforts, and the solutions can be found in the course homepage.

Quizzes: There will be six quizzes throughout the quarter. Only five quizzes will be counted in the final grade; the quiz with the lowest score will be dropped. Quiz problems will be based on the homework and what were taught in the class.

Exams: There will be three 50-minute midterm exams. If there is a valid reason for missing a midterm, the final exam score will be used to replace the missed midterm exam. The final exam is cumulative. There is no make-up for the final exam. Do not cheat on exams; cheating will result in receiving a zero on the test and a visit to the dean.

Grading:

Coursework	Points
Homework	15
5 Quizzes	15
3 Midterm	45
Final	25
Total	100

Grading Scale	Score
A	90 - 100
B	80 - 89
C	70 - 79
D	60 - 69
F	0 - 59

Tentative Class Schedule:

Monday	Tuesday	Wednesday	Thursday	Friday
9/26 1.6	9/27 1.6	9/28 1.7	9/29 6.1	9/30 6.1
10/3 6.2	10/4 6.2 <i>Quiz 1</i>	10/5 6.3	10/6 6.4	10/7 6.5
10/10 6.5	10/11 6.6 <i>Quiz 2</i>	10/12 6.6	10/13 6.7	10/14 6.8
10/17 6.8	10/18 <i>Midterm 1</i>	10/19 4.2	10/20 4.3	10/21 7.1
10/24 7.1	10/25 7.2 <i>Quiz 3</i>	10/26 7.2	10/27 7.3	10/28 7.3
10/31 7.4	11/1 7.4 <i>Quiz 4</i>	11/2 7.5	11/3 7.5	11/4 7.6
11/7 7.6	11/8 <i>Midterm 2</i>	11/9 9.1	11/10 9.1	11/11 <i>No Class</i>
11/14 9.2	11/15 9.2	11/16 9.3	11/17 9.3	11/18 9.4
11/21 9.5 <i>Quiz 5</i>	11/22 9.5	11/23 9.6	11/24 <i>No Class</i>	11/25 <i>No Class</i>
11/28 9.6	11/29 <i>Midterm 3</i>	11/30 10.1	12/1 11.1	12/2 11.1
12/5 11.2	12/6 11.2	12/7 11.3 <i>Quiz 6</i>	12/8 11.3	12/9 Review
12/12	12/13 <i>Final Exam</i> 9:15 – 11:15 am	12/14	12/15	12/16

Extra Help and Support: Take advantage of these free support services!

- Academic Skills Center in AT 302
- Disability Support Services in SCS 141
- General Subject Tutoring in AT 305
- Listening and Speaking Center in AT 304
- Math, Science & Technology Resource Center in S43
- Writing and Reading Center in AT 309

Important Dates: See <http://www.deanza.edu/calendar/falldates.html> for details.

- Saturday, October 8 :: Last day to add quarter-length classes
- Sunday, October 9 :: Last day to drop for a full refund
- Friday, November 18 :: Last day to drop with a “W”