MATH 114.07 Intermediate Algebra

Instructor: Ruey Li

Email: liruey-hsia@fhda.edu

Class Hours: Monday – Friday 10:30 AM – 11:20 AM, Room L64

Office Hours: Mondays 11:30 AM – 12:20 PM, Room S43

Course CRN: 41875

Course Homepage: Course information can be found on the course homepage in *My Portal*.

Prerequisites: Qualifying score on the math placement test within 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 attend all classes.

Homework: Students are expected to turn in homework on time. Homework is graded based on completeness, efforts, neatness, and reasonable accuracy. Homework solutions will be posted in the class 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. There are no make-ups for quizzes.

Exams: There will be three 50-minute midterm exams. There is no make-up for any midterm exam. 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 and scheduled on Thursday, June 23, from 9:15 AM to 11:15 AM. 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:

- Homework   20%
  Quizzes   15%
  Midterm Exams   45%
  Final Exam   20%
- A   90 – 100%
  B   80 – 89%
  C   70 – 79%
  D   60 – 69%
  F   0 – 59%

Accommodations: Disability Support Services (DSS) provides support services for students with disabilities. For more information or to make an appointment to request services, contact DSS.

Tentative Class Schedule:

Monday	Tuesday	Wednesday	Thursday	Friday
4/4 1.6	4/5 1.7	4/6 4.2	4/7 4.3	4/8 4.3
4/11 5.6	4/12 6.1 Quiz 1	4/13 6.1	4/14 6.2	4/15 6.2
4/18 6.3	4/19 6.4 Quiz 2	4/20 6.4	4/21 6.5	4/22 6.6
4/25 6.7	4/26 6.8 Quiz 3	4/27 6.8	4/28 7.1	4/29 Review
5/2 Midterm 1	5/3 7.1	5/4 7.2	5/5 7.2	5/6 7.3
5/9 7.4	5/10 7.4 Quiz 4	5/11 7.5	5/12 7.5	5/13 7.6
5/16 Review	5/17 Midterm 2	5/18 9.1	5/19 9.1	5/20 9.2
5/23 9.2	5/24 9.3	5/25 9.4	5/26 9.4 Quiz 5	5/27 9.5
5/30 No Class	5/31 9.5	6/1 9.6	6/2 9.6	6/3 Review
6/6 Midterm 3	6/7 10.1	6/8 10.1	6/9 11.1	6/10 11.1
6/13 11.2	6/14 11.2	6/15 11.3 Quiz 6	6/16 11.3	6/17 Review
6/20	6/21	6/22	6/23 Final Exam 9:15 am – 11:15 am	6/24