MATH 114-30
Intermediate Algebra

Instructor: Paul Du, PhD   Class: TTh 4:00 pm – 6:15 pm, Room ADM119
E-mail: dupaul@fhda.edu   Office Hours: T 2:50 pm – 3:50 pm, Room S43
Class Communication Tool: *My Courses*/*Course Studio* under MyPortal.fhda.edu

Prerequisite: Qualifying score on the Math Placement Test within the last calendar year; or Mathematics 212 with a grade of C or better, or equivalent.

Textbook: *Intermediate Algebra for College Students*, Blitzer, 2nd De Anza Custom Edition.

Software: Access to *MyMathLab* is required for this course. An access code can be purchased either bundled with a new textbook or separately online. To register for *MyMathLab*, go to www.coursecompass.com. The Course ID for this course is **du41783**.

Calculator: A basic scientific calculator capable of performing exponential and logarithmic operations is adequate for this course. Graphing calculators and cell phones calculators will not be allowed on exams or quizzes.

Course Description: This course is intended to extend and reinforce the concepts and skills learned in elementary algebra. Topics covered include absolute value equations and inequalities, rational expressions and equations, radical expressions and equations, composite and inverse functions, 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 will be able to

1. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models appropriately.
2. 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.

Workload: Students should plan on spending a minimum of 10 hours outside of class per week reading the textbook, solving homework problems, and preparing for the exams. Students who choose not to commit the necessary time and effort will be unlikely to be successful in this course.

Homework: Homework will be assigned and graded online on a weekly basis through *MyMathLab*. Homework is designed to reinforce the concepts learned in class and essential to success in this course. The homework due date is strictly enforced by the system; **no late homework will be accepted**. In addition to the required *WebAssign* problems, students are encouraged to solve additional textbook problems .

Classwork: There will be occasional in-class assignments which may involve group work. The dates for classwork will be unannounced. **There will be no make-up classwork.**

Quizzes: Six (6) quizzes will be given throughout the quarter. Quiz problems will be based on the homework. The lowest quiz score will be discarded at the end of the quarter. **There will be no make-up quizzes.**

Midterm Exams: Three (3) midterm exams will be given throughout the quarter. Students may bring one single-sided $8.5'' \times 11''$ sheet of handwritten notes to each midterm exam. The lowest midterm exam score will be replaced by the final exam score, if the latter is higher. **There will be no make-up midterm exams.**

Final Exam: A mandatory comprehensive final exam will be given during the finals week. Students may bring one double-sided $8.5'' \times 11''$ sheet of handwritten notes to the final exam. **Any student who misses the final exam will receive a grade of F for the course.** For the date and time of the final exam, look at `www.deanza.edu/calendar/`.

Grading Criteria:

Homework/Classwork 10%	$90 - 100\% =$ A	$0 - 59\% =$ F
Quizzes 15%	$80 - 89\% =$ B	
Midterm Exams 45%	$70 - 79\% =$ C	
Final Exam 30%	$60 - 69\% =$ D	

*At the instructor's discretion, borderline grades may be adjusted to the next higher level based on class attendance/paricipation, attitude, and/or final exam performance.

Attendance Policy: Students are expected to attend all classes, to be on time and to stay for the entire class period. Any student who misses more than one (1) class during the first two weeks or more than three (3) classes during the quarter may be dropped by the instructor. Please note that it is the student's responsibility to officially drop or withdraw from the course if the student decides not to attend any longer. Failure to do so may result in a grade of F for the course.

Academic Honesty: Students are responsible for keeping themselves informed of the College policy on academic integrity (`www.deanza.edu/studenthandbook/`). Cheating will not be tolerated and can result in receiving a zero on the quiz/exam or an F for the course and being reported to the Dean of Students for possible disciplinary action.

Extra Help: The Math and Science Tutorial Center (S43) offers free individual and group tutoring. Please take advantage of these free services. Tutorial assistance often means the difference between students earning a passing or failing grade. Dot not hesitate to come to my office hours to discuss a homework problem or any aspect of the course.

Accommodations for Disabilities: Disability Support Services (DSS) provides support services for students with disabilities. For more information or to make an appointment to request services, contact DSS at 408-864-8753.

Important Dates: