Intermediate Algebra (Math 114-11)
Spring 2017, De Anza College
MLC108, MTWThF 10:30 AM-11:20 AM

Instructor: Hai Au

Office Hours: MTWTh 11:30am-12:30pm, E37

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Textbook: Intermediate Algebra for College Students, Robert Blitzer, 7th edition. ISBN: 978-0134178943

Required Materials: MyMathLab license key (see HOMEWORK for more information), scientific calculator (not graphing calculator, not your phone), paper, ruler.

Prerequisite: Qualifying score on the Math Placement Test within last calendar year; or Mathematics 212 with a grade of C or better, or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Catalog Description: Application of linear functions, quadratic functions and linear systems to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

Learning Objectives: Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

Add and Drop dates: Please go to http://www.deanza.edu/calendar/winterdates.html to check for the deadlines.

Attendance: You are required to attend all class meetings.   Registered students missing any day the first week, without first notifying the instructor will be dropped from the course. After the first week, a student may be dropped from the class if she/ he is absent three times, without first notifying the instructor. If you miss a meeting, it is your responsibility to obtain notes from a fellow student.

Office hours are not meant for individual lectures. Dropping or withdrawal from the class due to hardship is the students' responsibility. A student who stops coming to class and doe s not drop will receive an "F" grade.

No laptops, phones, cameras, tablets, or any electronic devices can be on or used in class at any time. NO checking emails, Facebook, or texting, etc.   De Anza College will enforce all policies and procedures set forth in the Standard of Student Conduct (see Catalog). Any student disrupting a class will be asked to leave the classroom.

Time commitment: Students should expect 2 hours of outside preparation for each 1 hour spent in class. If you have work, other commitments, or simply are not willing to spend that amount of time to study, your grade will go down accordingly.

Assignments: There will be in-class or take-home assignments. Collaboration is encouraged. This means that you can discuss approaches to solving a problem with anyone in the class. Copying written solutions from any source (person) is disallowed work together as much as possible. No late assignments will be graded.

Homework: http://www.mymathlab.com. You must have an access license and do the homework on MyMathLab to be successful in this course. Therefore it is mandatory that you be an active user of MyMathLab. Students who do not activate a license in the first week will be dropped. If you need some time to get financial aid or save up money, you can get a temporary license on the Pearson website that is valid for 14 days. After 2 weeks, students who do not have a full Mymathlab license will be dropped.

Homework is due at 12:00am Tuesday every week. No late homework. No extension.

Quizzes: An in-class quiz will be given once per week on the first day of the week, except for the weeks with an exam. The quiz will include topics that were covered during the previous week. If you have done all of the homework, you will be very well prepared.

The lowest two quiz grades will be dropped at the end of the quarter. The first two quizzes you miss (0-grades) will be dropped, regardless of your reason.

Exams: All exams will cover material discussed in class and the text book. All exams will be closed-book, closed -note. Scientific calculators only.   NO make-up exam for any reason. If one exam is missed for a verified absence that exam will be replaced by the final exam grade. A student who misses the final exam and does not contact the instructor will receive an "F" for the course. The final exam must be taken to receive a grade for the course. The final will be a comprehensive exam.

Grading:

Homework	20%
Quizzes	10%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam	25%

A: 93 – 100%	**A**-: 90 – 92%	
B+: 87 – 89%	**B**: 83 – 86%	**B-**: 80 – 82%
C+: 76 – 79%	**C**: 70 – 75%	
D+: 67 – 69%	**D**: 63 – 66%	**D-**: 60 – 62%
F < 60%		

Academic integrity. Cheating will not be tolerated and will result in a grade of 0 for the assignment, quiz or exam and referral to the dean for academic discipline. Cheating includes, but is not limited to: copying from other students, permitting other students to copy from you, plagiarism, submitting work that isn't your own, using notes that don't meet permitted specifications, continuing to write/erase on an exam/quiz after permitted time   has ended, changing your exam/quiz paper after it's been graded and then requesting a grading correction. For more information about De Anza College's policy on academic integrity see: http://www.deanza.edu/studenthandbook/academic-integrity.html

Disabilities. If you need course adaptations or accommodations due to a disability, or if you need special arrangements in case the building must be evacuated, please contact them as soon as possible. More information can be found here: http://www.deanza.edu/dss/

Tutoring. The Math and Science Tutorial Center in Room S43 offers free tutoring on Monday –Thursday from 9:00 am – 5:30 pm and Friday 9:00 am – 12:00 noon. More information can be found here: http://www.deanza.edu/studentsuccess/mstrc/

Sections to cover:

Section	Title
1.6	Properties of Integral Exponents
1.7	Scientific Notation
3.3	Systems of Linear Equations in Three Variables
4.1	Solving Linear Inequalities
4.2	Compound Inequalities
4.3	Equations and Inequalities Involving Absolute Value
5.6	A General Factoring Strategy
6.1	Rational Expressions and Functions: Multiplying and Dividing
6.2	Adding and Subtracting Rational Expressions
6.3	Complex Rational Expressions
6.4	Division of Polynomials
6.6	Rational Equations
6.7	Formulas and Applications of Rational Equations
6.8	Modeling Using Variation
7.1	Radical Expressions and Functions
7.2	Rational Exponents
7.3	Multiplying and Simplifying Radical Expressions
7.4	Adding, Subtracting and Dividing Radical Expressions
7.5	Multiplying with More Than One Term and Rationalizing the Denominator
7.6	Radical Equations
9.1	Exponential Functions
9.2	Composite and Inverse Functions
9.3	Logarithmic Functions
9.4	Properties of Logarithms