



Math 114: Intermediate Algebra: Level 3

Fall 2018, CRN 25040, Section 24, 5 Units

Tuesday and Thursday 1:30 PM to 3:45 PM

Classroom Location: E36 (E Quad, Room 36)

Instructor Information

Instructor:	Andrew Jianyu YU
Email:	yujian@fhda.edu
Office Location:	E37 (E Quad, Room 37)
Office Hours:	Tuesday and Thursday 4:00 PM to 6:00 PM

Course Description

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.

Prerequisite

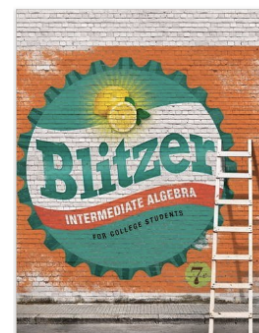
Qualifying score on the Math Placement Test within last calendar year; or MATH 210 or equivalent with a grade of C or better. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Textbook

Intermediate Algebra for College Students 7th Edition by Robert F. Blitzer; Publisher: Pearson 7th Edition (January 13, 2016); Hardcover 875 pages

ISBN-10: 0134178947; ISBN-13: 978-0134178943

You must purchase the 7th edition. All the older editions are strictly not acceptable because the exercise problems do not match.



Graphing Calculator

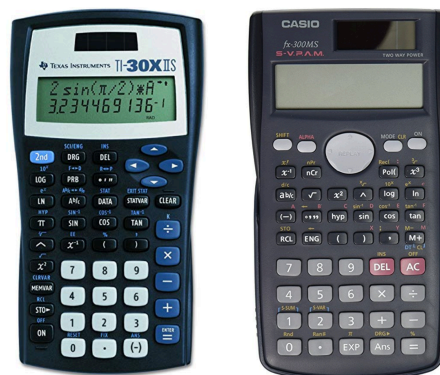
A TI-83 Plus (left), TI-84 CE (middle), or TI-84 Plus (right) graphing calculator is recommended for the course. You may rent a TI-83 Plus or similar in the bookstore for about \$20 per semester/quarter. You are required to bring a physical calculator to the exam, and sharing calculator is considered as cheating incident. Using the calculator apps on your phone is strictly prohibited. Do not purchase the TI-Nspire Graphing Calculator (around \$150) because it is too advanced for this course. Instructions will not be provided for TI-Nspire.



Scientific Calculator

The following scientific calculators can be used in an intermediate algebra class. However, they are not useful in Precalculus, Calculus, and Statistics courses. The retail price is usually less than \$20.

- Texas Instruments TI-30X IIS 2-Line Scientific Calculator (left) (recommended)
- Casio FX-300MS Scientific Calculator (right)



When using calculator is necessary, your instructor will be using TI-84 Plus in class. If you have technical difficulties with a less popular calculator, your instructors might not be able to answer the technical questions. Most importantly, you must bring a physical calculator to the exam. Smart phones, tablets, computers, and similar electronic device are strictly prohibited.

Technical Requirements

- **Your Email:** Please check your email regularly. If possible, connect your email with an app in your smartphone. I will send the homework, lecture notes, and announcement through email. You are welcome to ask me any questions through email.

Subject of my emails “Math 114: _____”

Please keep a record of all the email with the subject above until the semester/quarter is official finished.

- **Canvas:** We will not use canvas in this course.

Lectures and Expected Preparation

We will use a template for every section in the textbook. A template contains definitions, formulas, graphs, and examples. The answers to all the problems and examples are not included. Your instructor will solve each problem in class. You are expected to take notes in class. You should plan to spend a minimum of two hours outside of class for each hour spent in class to learn and make satisfactory progress in the class.

Attendance

Attendance will be taken each day using a sign in sheet. The instructor may drop a student who accrues 4 or more absences without notice.

Homework, 20% of the Course Grade

Problems will be assigned each section. There is no online homework in this class. You are expected to fully demonstrate all your work on paper. Homework will be assigned and collected in a weekly basis. It reflects everything you learned in a week. Scores for homework assignment will be based on completeness, clarity, promptness, and accuracy. The lowest homework grade will be dropped at the end of the course.

Quiz, 20% of the Course Grade

A quiz will be given in class at the due date on every homework assignment. You are expected to get 2 to 3 short problems on the quiz. Quiz questions are based on the homework due on that day. For example, if the first homework contains 4 sections, the quiz problems are based on those 4 sections. If the first homework is due next Thursday, then first quiz will be held on the next Thursday. Quiz is closed book and closed notes, but calculator is allowed.

Exams, 35% of the Course Grade (Two Exams in this Course)

There are two exams in this course. The exam date will be announced at least one prior the exam. Review problems will be provided, discussed, and solved in class. Exam problems are similar to the review problems. Although exams are closed book and closed notes, your instructor will provide a formula sheet during the exam. The formula sheet will be sent along with the review problems. You are not allowed to modify the content of the formula sheet. Sharing calculator during the exam is considered cheating. Your exam will not be graded if cheating incident is found. Your lowest exam score will not be dropped. Both exams are individual assignments.

Final Exam, 25% of the Course Grade

The final exam will be comprehensive. The Final Exam is an individual assignment. Exam topics will be announced in advanced. A formula sheet will be provided during the review session. The same formula sheet will be provided during the exam date. You are not allowed to modify the content of the formula sheet. Please bring your own calculator to the exam. Sharing calculator, using a smartphone or tablet with internet access, looking at your neighbor's exam, or communicating with your neighbor are considered as cheating incident, which will not be tolerated. Assistant seeker will receive a zero on the exam, and assistant provider will be reported to the college.

Grading Rubrics

Your course grade will be assigned in the following standard:

A: 100% to 92%	A-: 91% to 90%	
B+: 89% to 86%	B: 85% to 82%	B-: 81% to 80%
C+: 79% to 74%	C: 73% to 70%	
D: 69% to 60%	F: below 60%	

Extra Credit Assignment

There are no extra credit assignments in this course to improve your grade. Please do not ask for any.

Academic Integrity

Academic dishonesty will not be tolerated. Any student attempting to defraud the instructor on a quiz, exam, final exam, or any other assessment item designated as an individual assignment will receive a zero on that assignment. This score is irreplaceable. If a cheating incident is detected on your work, the rest of your work in the course will be closely monitored and examined.

Available Support Services

The Math Tutorial Center in S43 has free tutoring for this course. If you need help in studying the class materials, please seek for a math tutor in the learning center immediately. Do not wait until the last minute to seek for help.

Academic Adjustments for Students with Disabilities

Please see instructor during office hours to discuss your situation confidentially if you have accommodations; see the instructor during the first week of class or as soon as you receive approval from the appropriate support service. For information about eligibility, support services or accommodations due to physical or learning disability see:

- Disability Support Service (DSS): www.deanza.edu/dss Location: SCS-141 (408) 864-8753; TTY (408) 864-8748
- Educational Diagnostic Center (EDC): www.deanza.edu/edc Location: LCW 110; (408) 864-8839
- Special Education Division; www.deanza.edu/specialed (408) 864-8407

Important Dates to Remember

Monday September 24	First day of Fall Quarter
Saturday October 6	Last day to add classes
Sunday October 7	Last day to drop classes with no record of "W"
Friday October 19	Last day to request "Pass/No Pass"
Monday November 12	Veterans Day – Campus Closed
Friday November 16	Last day to drop classes with a "W" No more withdrawal after this date, no exceptions.
Thursday to Sunday November 22 to 25	Thanksgiving Holiday – Campus Closed
Monday to Thursday December 10 to 14	Final Exams

College Policy: If the student chooses not to complete the class, it is the STUDENT'S RESPONSIBILITY to drop or withdraw by the college deadlines. If you stop attending but do not withdraw or drop you may fail with a grade of F.

The professor reserves the right to make changes to the syllabus, including project due dates and test dates (excluding the officially scheduled final examination), when unforeseen circumstances occur. These changes will be announced as early as possible so that students can adjust their schedules.

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.