

DE ANZA COLLEGE

Math 114-66 (22575) Intermediate Algebra

Date/Time: Tuesdays and Thursdays, 6:30 pm – 8:45 pm (S45)

Instructor: Y. AuYOUNG

V-Mail : (408) 864-8999 ext 3312

Office Hours: TTh 12 – 12:45 pm (via e-mail auyoungyatman@fhda.edu), 12:45 – 1:15 pm (office E37a), and by appointment

(Note: For your protection, I do not release/discuss any personal info, including student grade, via phone nor email)

This is a collaborative class and you are required to work with your classmates both inside and outside of class. Throughout this course, working collaboratively in groups and relating the material to the real world will be stressed. Students are encouraged to form study groups. A scientific calculator (e.g. TI-83, 84 or 86) will be used. Bring pencil, ruler, paper, calculator, and text to every class meeting. Students will apply the tools of elementary algebra to more complex problems.

Students Learning Outcomes: (1) Evaluate real-world situations and distinguish and apply exponential, logarithmic, rational and discrete functions 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.

Prerequisite: Math 112 (C or Better) or the Equivalent

Text: *Intermediate Algebra Student Workbook, First Edition, by De Anza College* is an open educational resource is available as a free pdf file at <https://www.dropbox.com/s/pzyee68s9myalca/IntermediateAlgebra-DeAnzaCollege-first-ed.pdf?dl=0> A printed Packet is also available for you to buy.

Related Materials: TI-83 PLUS (or 84 or 86) graphing calculator; a small stapler; pencils, paper, a small pencil sharpener, and scantron.

Student Conduct: You are required to participate in all class work. Any student disrupting class will be asked to leave. A student who refuses to leave the room will be dropped from the class and will be reported for further action.

Cheating Will Not Be Tolerated. If anyone is caught cheating in any work (in class/take home), s/he will pay the consequences

Cell Phones: In the classroom, you **must turn off the cell phones/pagers or set in vibrate mode**. If a cell phone/pager rings in class, the student will have to leave and this will count as a full class absence. **If this should occur during a quiz, test or the final exam, the student will receive a zero grade for that test. Cell phone cannot be used as a calculator or for any reason/purpose in quiz, test, and final exam.**

Attendance: Class attendance is mandatory and can earn up to 20 points for perfect attendance. You are expected to present promptly each class and stay for the entire class. Coming late or leave early is irresponsible, impolite, and disruptive to your classmates and is not acceptable. Each absence, tardiness for any reason will result in a loss of 2 points. Arriving to class late or leaving early will be counted as half absent. You may be dropped for missing 2 classes without a reasonable excuse. **You must attend each class in the first week of class or you will be dropped.** If you miss a class, please work with a fellow student to keep up with class activity. You are responsible for reading the material on your own and for turning in all assignments that is due on the day you return to class.

If You Need Help: (1) My Office Hours: Visit my office during my office hours and email. (Office Hours info are listed on top of this page)

(2) Math Science Tutorial Center (S43): No charge to you. (www.deanza.edu/studentuccess/mstrc/)

(3) Smarthinking ****free**** 24-hour online tutoring for De Anza students (www.deanza.edu/studentuccess/onlinetutoring/)

(4) Empower yourself and use the Internet. There are many videos available (many of them are free)

Drop Policy: A student who discontinues coming to class and does not drop the course will receive an F. Should you stop attending, you will not be automatically dropped. **It is your responsibility to drop the class yourself.**

Homework: The purpose of homework is to help you learn the course material. It is your responsibility to read the text **before each class** and do the homework **on a daily basis**. You will be involved in a group with whom you may share your work. Homework must be done daily and will be **collected on the due date at the beginning of class**. Grading will be on your effort, neatness, and completeness. In order to receive full credit, you **must follow the guidelines as described in the first class meeting and show how you arrived at the answer for each problem. Turning in answers only is not considered completing the assignment. Late or sloppy homework could earned no credit.** Some of the problems on quizzes/tests will be very similar to the homework/classwork problems. Please keep up with the assignments daily. **If you cannot commit to 2 hours a day of homework, you are in the wrong class!** Collaborative effort on quizzes or tests, however, is **not** allowed. **Students who don't do homework do not succeed in math! Please keep up with the assignments daily.**

Quizzes: Quizzes are closed book. Quizzes will test your understanding and completion of the homework problems. You will need to do the homework thoroughly and completely to do well on the quizzes. **The lowest quiz grade will be dropped. No make-ups.**

Tests: Tests are closed book. **The lowest test grade will be dropped. No make-ups are given for missed tests.**

Final Exam: A two-hour comprehensive exam will be given on **Thursday, Dec 15, 2016, 6:15 pm – 8:15 pm**. **If you miss the final exam without my approval in advance, you will receive an F for the course.**

Grade:	Quizzes (7@10)	: 60 (drop the lowest 1 score)	A- : 490 – 514	A: 515 – 528	A+: 529 or above
	Tests (3 @100)	: 200 (drop the lowest 1 score)	B- : 433 – 451	B: 452 – 470	B+: 471 – 489
	Attendance	: 20		C: 375 – 403	C+: 404 – 432
	Homework/Groupwork	: 64 (+ possible extra credits)	-----		
	Final Exam	: 200	D- : 317 – 335	D: 336 – 354	D+: 355 – 374
	Total	: 544	F : 0 – 316		

MATH 114: Intermediate Algebra – Minimum Homework Assignments Cover Sheet

Name: _____ Row: _____ CID: _____

- Work **MUST** be **well-organized and neatly done in pencil** within the space provided by the book. No additional paper, except a few sections (for those sections, write your work/solutions on 8½ X 11 binder paper attach, by stapling them after the original questions pages from the book)
- Graph must be neatly done on a **graph paper**, use a ruler, label both axes and mark the scale you used.
- Problems and pages must be in their proper order, and pages of each chapter must be **stapled** or could not earn full credits
- Place this coverage sheet and the stapled HW inside your **2-pocket homework folder**
- On the due date, within the first 2 minutes before class starts, pass homework folders to the front row.
 – **Late work** may earn only partial credit and **sloppy work** will earn no more than half of the credit
Changes (assignment, if any, will be announced in class).

Math 114 Homework Assignments

(all “Practice Questions” at the end of of each Chapter.)

Chapter	Section	Due Date	page	Chapter Practice Problems	Credit Points Earned
Ch 1	5 sections	Tues, Oct 4	33	all Chapter 1 Practice Problems	
Ch 2	4 sections	Tues, Oct 11	77	all Chapter 2 Practice Problems	
Ch 3	2 section	Tues, Oct 18	105	all Chapter 3 Practice Problems	
Ch 4	2 sections	Tues, Oct 18	127	all Chapter 4 Practice Problems	
Ch 5	4 sections	Tues, Oct 25	153	all Chapter 5 Practice Problems	
Ch 6	3 sections	Thurs, Oct 27	181	all Chapter 6 Practice Problems	
Ch 7	6 section	Thurs, Nov 10	219	all Chapter 7 Practice Problems	
Ch 8	2 sections	Thurs, Nov 10	251	all Chapter 8 Practice Problems	
Ch 9	6 sections	Thurs, Nov 17	283	all Chapter 9 Practice Problems	
Ch 10	5 sections	Tues, Nov 29	321	all Chapter 10 Practice Problems	
Ch 11	3 Section	Tues, Dec 6	353	all Chapter 11 Practice Problems	
Ch 12	3 sections	Thurs, Dec 8	383	all Chapter 12 Practice Problems	
Ch 13	3 sections	Thurs, Dec 8	419	all Chapter 13 Practice Problems	

De Anza College – Fall Quarter 2016
Math 114 Tentative Schedule (subject to be changed as needed)

wk	Month	Monday	Tuesday	Wednesday	Thursday	HW/Quizzes/Test in this week
1	Sept	26 <i>Instruction Begins</i>	27 Greensheet 1.1 – 1.3	28	29 1.3 – 1.5	<i>Read material before each class Begin HW and study daily, and starts calculator practices</i>
2	Oct	3	4 2.1 – 2.3	5	6 Quiz 1 2.3 – 2.4	Chapter Quiz 1 (Ch 1 and 2) <i>Last day to add: Sat (10/8)</i>
3	Oct	10	11 3.1 – 3.2 4.1	12	13 Quiz 2 4.1 – 4.2 5.1	Chapter Quiz 2 (Ch 2 and 3) <i>Last Day to drop with no record of Grade: Sun (10/9)</i>
4	Oct	17	18 5.2 – 5.4	19	20 T1 6.1	T1 (Ch 1 – 4) <i>Last day to request pass/no pass: Friday (10/14)</i>
5	Oct	24	25 6.2 – 6.3 7.1	26	27 Quiz 3 7.2 – 7.4	Chapter Quiz 3 (Ch 5 and 6)
6	Oct/ Nov	31	1 7.5 – 7.6 8.1	2	3 Quiz 4 8.2, 9.1	Chapter Quiz 4 (Ch 7 and 8)
7	Nov	7	8 9.2 – 9.4	9	10 T2 9.5	T2 (Ch 5 – 8)
8	Nov	14	15 9.5 – 9.6 10.1	16	17 Quiz 5 10.2 – 10.4	<i>Last Day to drop with a “W”: Friday (11/18)</i> Chapter Quiz 5 (Ch 9)
9	Nov	21	22 Quiz 6 10.4 – 10.5	23	24 Thanksgiving Holiday	Thanksgiving Holiday Recess (Nov 24 – 27) Chapter Quiz 6 (Ch 10)
10	Nov/ Dec	28	29 11.1 – 11.2	30	1 Quiz 7 11.3 and 12.1	Chapter Quiz 7 (Ch 11)
11	Dec	5	6 T3 12.2 – 12.3 13.1	7	8 13.2 – 13.2	T3 (Ch 9 – 11)
12	Dec	12	13 No class	14	15 Final Exam (6:15 pm – 8:15 pm)	Final Exam (Ch 1 – 13)
Reminder:		7 Q's (drop the lowest score) from Ch 1 to Ch 12: <i>About one quiz for one or more chapters. Detailed info will be announced in class.</i>		3 Midterm Tests (drop the lowest score): Test 1 (Ch 1 – 5) Test 2 (Ch 6 – 8) Test 3 (Ch 9 – 11)		a. 7 quizzes (drop the lowest score) b. 3 tests (drop the lowest score) c. 2-hour Final Exam (all chapters)

* First Day of Winter Quarter Classes: Jan 9, 2017