

Syllabus
Fall Quarter 2017
Math 114 Section 1
Intermediate Algebra
Meeting Mon-Fri, 7:30-8:20 AM, room E34

About the instructor

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Office Hours: Mon-Thu, 21:25 pm -1:15 pm, or by appointment.

Student Learning Outcomes:

- 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 function models in a logical manner from four points of view-visual, formula, numerical and written.

You will need:

- Intermediate Algebra Student Workbook, by Doli Bambhania.
 - This is a 465 page document, customized from the version produced by Scottsdale Community College for De Anza's Math 114 course. It is important you get it from one of the sources listed below.
 - The workbook is available for purchase in a loose leaf version in a three ring binder from De Anza bookstore for roughly \$40. This is recommended.
 - A PDF version may be downloaded for free from a link I will send to you separately.
 - You will need to bring the sections of the workbook we will be working on to class each day. We will be working on In-Class and You-Try problems together, so these at least must be brought in in a format you can write on, printed out if necessary.
 - We will be covering the complete textbook except for the review sections. You should go over the review sections yourself if you need to, and consult additional resources listed below as needed.
- A TI 84 Plus, TI 84, or TI 83 is required for the class. If you plan to take math classes from De Anza in the future, the TI calculator is a good investment, as most classes require one. The TI 84 has some extra functions that are useful if you plan to take statistics. Calculators are available for purchase from the bookstore, or for rent from <http://www.rentcalculators.org>. Used calculators can be found on craig's list, e-bay, and sometimes listed for sale by individuals on campus. If you wish to use a calculator not on this list, please clear it with me first.
- Spare batteries for your calculator.

- If you forget your calculator, or your calculator runs out of juice during an exam, you will not be able to borrow a replacement; you will have to complete the test without one.
- Pencils and/or pens (pencils recommended).
- A notebook for class notes.
- Regular paper and graphing paper for the notebook.
- A straight edge (such as a ruler, for drawing straight lines)
- A stapler.
- A working e-mail address registered with myportal.fhda.edu
 - During the quarter, I'll be sending out forms, notices, assignments, readings, take home quizzes through bulk e-mail, using the e-mail address you have registered with my-portal. It is important that you have a working e-mail address you check regularly registered with myportal.
- Access to a computer with Internet connectivity, and the ability to either print out or store documents. There are computers you can use on campus in the library and in the tutorial center.

Additional resources:

- The quarter goes by quickly; so if you find yourself falling behind or wish to have additional help, please don't hesitate to take advantage of the following.
- Instructor Office Hours
 - I enjoy sitting down with students one on one or small groups and helping with problems. Often, I'm able to give customized help in this setting that isn't practical in a large classroom.
- Math-Science tutorial center, S43, www.deanza.edu/studentssuccess/mstrc
 - As well as being a good place to study, they have drop in tutoring. Weekly individual and group tutoring can also be arranged.
- Free smarthinking 24-hour online tutoring for De Anza Students, www.deanza.edu/studentssuccess/onlinetutoring
 - This is new to me, so I'd be interested to hear about your experience if you take advantage of this.

Grades in the course will be assigned as follows:

Homework	15%
Quizzes	15%
Three Midterms	15% each
Final Exam	25%

Each exam, quiz, or homework will be given a percentile score from 0% to 100%. At the end of the quarter, these will be averaged together according to the weights above, and a final letter grade will be assigned based on this average.

Average Percentile Grade	Letter Grade
92-100	A
89-92	A-
87-89	B+
82-87	B
79-82	B-
75-79	C+
70-75	C
55-70	D
<55	F

If it would improve your grade, your final exam score will automatically be used to substitute for your lowest midterm score or for a missed midterm score.

Taking the final exam is required for getting a passing grade for the course.

Visit me

Come visit me during office hours during the first three weeks of class, introduce yourself to me and talk for perhaps five minutes, and you will get a little extra credit. If you cannot come during my scheduled office hours, send me an e-mail and I can set up an appointment.

Attendance Policy

Success in this class depends on regular and punctual attendance. The state's policy on attendance is as follows.

- Students in classes that meet five times a week may miss no more than ten sessions.
- Missing more than 10 sessions is grounds for being dropped from the class, or given an F if it is past the last drop date.

I do appreciate if a student sends me an e-mail in advance to let me know when they're unable to attend class.

Reading

It is highly recommended that you read each section of the text at least twice: skim the section the day before we cover it in class, so you'll be in the best position to benefit from the lecture, and read it again after the class to consolidate your learning. You can even read the section again before a quiz or midterm on the material, or whenever you feel the need to

A calendar will be sent out separately, that will tell you what we plan to work on each day. I will send out e-mails if necessary to adjust this information.

Homework

Homework will be collected at the end of the week as described on the calendar, and will be graded mostly subject to completion. Homework problems should be done neatly in order and stapled. If I cannot easily find a problem because the work is messy or out of order, I will count against that. I recommend using pencil for homework so you will be able to erase mistakes, but you may use pen if you prefer. You may also scan homework and e-mail it to me in PDF format if you prefer. Late homework will not be accepted.

I encourage you to do homework in groups and to help one another. Nonetheless, the work submitted must be your own.

Quizzes

Quizzes will typically be given at the end of the week. The subject of the quizzes is listed on the calendar, and will also be e-mailed in advance. Your lowest two quizzes will be dropped. Missed quizzes may not be made up.

Midterms

There will be 3 midterms given for this course. Their dates and subject matter are listed on the calendar. If you are unable to take a midterm, your final exam score will be substituted for it, under the policy of substituting your final for your lowest midterm score.

Final Exam

Your final exam will be on Monday, December 12, from 7:00 AM to 9:00 AM. Taking the final exam is required for passing the class. By taking this class at this time, you are agreeing that you are able to take the final on this date.

If you are unable to take the final at this time due to *unforeseeable* reasons such as illness, an accident, or a loss in the family, we can arrange to give you an incomplete. You will then be required to make up the missing exam in the following quarter.

Academic Integrity

While you are encouraged to work together on homework, the work you submit must be your own. During quizzes, midterms, and the final exam, you may not use references that aren't specifically allowed for the exercise, nor may you copy others' work. Doing so will result in disciplinary action, including a 0 for the exam (which may not be replaced by the final exam score even if it is a midterm), a report to the dean, and possible further action.