De Anza College – Spring '18

Math 114.05 – Intermediate Algebra

Instructor: Danny Tran Email: TranDanny@FHDA.edu

Office Hours: Tu 240-330P (E32A); W 240-330P (S43); W 9-950P (email); Th 1030-1120A (S43)

Prerequisite: Math 212 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test

Course Materials:

- Math 114 Course Packet (this is our "textbook") – Intermediate Algebra Workbook – De Anza College
  - Available only at De Anza Bookstore. Please get this immediately. It's about $40

    (If you prefer to print it yourself – it's 429 pages – email me)
  - Bring this to class each day!
- A graphing calculator (optional): I recommend TI-84 Plus, or TI-84, or TI-83
  - If you do not own one already and cannot afford one, you may rent one from a site such as http://www.rentcalculators.org/

Attendance: Mathematics is a very demanding subject. As a result, regular attendance is extremely important. However, I realize that, on rare occasions, unforeseen circumstances may arise that will prevent you from attending class or will force you to be late to class. Attendance will be taken each and every day. ***Also, you MUST be in attendance during the entire first week of classes to ensure that you are not dropped from the course.***

Grading:		
	Quizzes (7 – Drop Lowest)	24%
	Written Homework	7.5%
	Online Homework	7.5%
	Exams (3)	39%
	Final Exam	22%

Grades:

A+ $98\% \pounds x$	B+ $88\% \pounds x < 90\%$	C+ $78\% \pounds x < 80\%$	D $60\% \pounds x < 70\%$
A $92\% \pounds x < 98\%$	B $82\% \pounds x < 88\%$	C $70\% \pounds x < 78\%$	F $x < 60\%$
A- $90\% \pounds x < 92\%$	B- $80\% \pounds x < 82\%$		

Homework: Homework is essential in any math class. You cannot expect to pass the class without putting daily effort on homework & review. Its purpose is to help you practice & master skills, as well as learn focused problem solving. Schedule time for doing homework. Prioritize learning through disciplined practice & you will reap the benefits. You will have 2 types of homework:

- Paper and pencil homework – At the end of each lesson in our workbook, there are 'Practice Problems.' Your written problem sets will come from these. These problems will be checked primarily for completeness.
- Online homework – You will have online homework on a free website called www.myopenmath.com. These will be graded for correctness. Details about signing up will be sent over email.

Quizzes: There are 7 quizzes, approximately 20-25 minutes each. You may not make up a quiz after it has been administered; however, with Danny's permission, you may take a quiz early. You may drop your lowest quiz; however, you may not drop a quiz in which you cheat.

Exams: There are 3 exams, 50 minutes each. You are allowed a small note card (that I will distribute in class). For the final exam, you are allowed a calculator & note card. You may not make up an exam after it has been administered; however, with Danny's permission, you may take an exam early (NOT the final). *If your final exam grade is higher than your lowest exam, your final exam grade will replace your lowest exam.*

Checking Your Grade: Using Google Drive, you will have access to your current grade. Simply email me at trandanny@fhda.edu with your Gmail address & a code name you would like to be identified as on the document. (The code name can be anything that does not reveal your true identity – it can be anything from your favorite type of pasta to your favorite European football team). I will then invite you to the document where you can see your grade on each of the class' assessments as well as what you need to earn during the remainder of the course in order to earn an A, B, or C in the course.

Class Conduct: Cheating is absolutely forbidden in my class. Looking at someone else's exam, helping another student during an exam, talking to anyone else except me during an exam, copying another student's work, or using an external source of information for which you were not explicitly given permission will result in disciplinary action, which may include receiving a 0 on the assessment. Cheating incidents will be reported to the Dean of Student Affairs.

Cell Phones: Please silence or turn off all cell phones during class. If I notice that you are on your phone in class, I will ask you to leave.

Final Exam Date & Time: Tuesday, June 26th, 9:15AM – 11:15AM

You must be able to take the final on this day & at this time. NO exceptions.

Get to Know Your Classmates:

Obtain the following information from at least 3 of your classmates:

Classmate 1:	Classmate 2:	Classmate 3:
Name:	Name:	Name:
Email:	Email:	Email:
Phone #:	Phone #:	Phone #:

My Expectations of You: Math 114 is an incredibly challenging course and will set you on the path to success in precalculus and beyond. Be sure to put yourself in the best position to succeed by having terrific study habits. Below is a list of tasks you can do in order to best succeed:

- ✓ Attend every class
  - Take notes & ask questions
  - Work with students during the classwork portions of class
- ✓ Preview each lesson by skimming or reading the lesson for 10-15 min before each class (READ THE BOOK)
- ✓ Review your notes after class, making sure you have understood the material
- ✓ Attend office hours
  - Compile a list of questions and/or problems to ask for help
- ✓ Form study groups to do homework, study for quizzes, exams, and the final

Math 114 Daily Schedule – Spring 2018 (Tentative & Subject to Change)

Monday	Tuesday	Wednesday	Thursday	Friday
Apr 9 Intro, Syllabus	Apr 10 1.1	Apr 11 1.2	Apr 12 1.3	Apr 13 1.4, Quiz #1
Apr 16 1.5	Apr 17 2.1	Apr 18 2.2	Apr 19 2.3	Apr 20 2.4, Quiz #2
Apr 23 3.1	Apr 24 3.2	Apr 25 4.1	Apr 26 4.2	Apr 27 5.1, Quiz #3
Apr 30 5.2	May 1 5.3, 5.4	May 2 6.1	May 3 Exam #1 Review	May 4 Exam #1
May 7 6.2	May 8 6.2	May 9 7.1	May 10 7.2	May 11 7.3, Quiz #4
May 14 7.4	May 15 7.5	May 16 7.6	May 17 8.1	May 18 8.2, Quiz #5
May 21 9.1	May 22 9.2	May 23 9.3	May 24 Exam #2 Review	May 25 Exam #2
May 28 Memorial Day NO SCHOOL	May 29 9.4, 9.5	May 30 9.6	May 31 10.1	Jun 1 10.2, Quiz #6
Jun 4 10.3	Jun 5 10.4	Jun 6 10.5	Jun 7 11.1	Jun 8 11.2, Quiz #7
Jun 11 11.2	Jun 12 11.3	Jun 13 12.1	Jun 14 Exam #3 Review	Jun 15 Exam #3
Jun 18 12.2	Jun 19 12.3	Jun 20 12.3	Jun 21 Final Review	Jun 22 Final Review
Jun 25 NO CLASS	Jun 26 Final (915A-1115A)			

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.