

Instructor	Antonio Gonzalez
Course	Math 114.03
CRN	00699
Classroom	MLC 109
Meeting Times	MTWRF 10 a.m. – 12:15p.m.
E-mail	GonzalezAntonio@fhda.edu
Office Hour	Wednesday and Thursday 12:30-1p.m.
Office	E37
Textbook	Intermediate Algebra: Connecting Concepts Through Applications, Clark; Cengage Learning, 2012 ISBN: 978-0-534-49636-4

Student Learning Outcomes:

- Demonstrate and apply a systematic and logical approach to solving arithmetic and geometric problems.
- Demonstrate and apply the knowledge and skills required to select the correct introductory formulas, procedures, and concepts from algebra and geometry and use them to solve problems.

Student Commitment:

- This is a demanding but rewarding class. This class expects students to attend all classes and have a minimum of 10 hours of study each week outside of class.
- Math 114 covers a lot of material and moves at a rapid pace. At De Anza College (and all colleges) each at least 2 hours of study outside of class are expected for each hour in class, for a total of 15 hours weekly.
- If you don't have time for studying outside of class or can't commit to attending each class, then you should plan to take this class in a quarter when you can commit the necessary time to succeed.
- This is also a collaborative class. You will be expected to work in cooperation with your classmates (No exceptions). You will be expected to discuss ideas, questions and strategies with your group. Share your thoughts as often one idea will spark another and so on. Working in groups does not mean that students sit together quietly working alone and not talking with each other!
- Although Elementary Algebra is a Mathematics course, English reading comprehension and English writing play a very important role in this course. Communication is critical in life, both giving and receiving information. Students will be asked to carefully explain their thinking and problem-solving strategies both verbally and in writing. Grading will assume college level standards - proper sentence structure, capitals and periods.

Required Materials:

- Bring every day: CALCULATOR TI-83 or TI-84 or TI-84+, PENCIL, RULER, and ERASER
- The library has a small number of TI-83 calculators for limited loans; you need a DASB card to borrow one. Borrow a graphing calculator from the library resource center before class if you do not have a calculator with you.
- Students may NOT share calculators for exams.
- Cell phones, laptops, Ipads, and all other electronic devices may not be used in class any time.
- PENCILS ONLY must be used for all work in this class. (worksheets, homework, quizzes, and exams). Student work written with pen will not be graded and will receive "0" points.
- You will not be able to borrow ANY materials from the instructor.

Course Description:

- The goal of this course is to think logically and orderly like a mathematician. You will be organizing information, looking for patterns, making decisions, mastering basic skills and communicating your results in writing. We will cover properties of the number system, basic algebraic equations, geometric applications, graphing and functions.
- Word problems and practical applications will be stressed heavily throughout the course.

Grading:

Your grade in this course will be based on homework, in-class assignments, quizzes, three midterms and a comprehensive final exam, weighted as follows:

Homework:	12.5%
Quizzes :	12.5%
3 Exams:	15% each
Final Exam :	30 %

Approximate grade breakdowns are:

90% and above	A or A-
80 – 89%	B+, B or B-
70 – 79%	C+ or C
60 – 69%	D
Under 60%	F

Homework: Homework will be collected the day of the exam, from the sections we covered in class leading up to the exam. Late homework will not be accepted. Homework assignments should be neat and legible, stapled together, without any “fringes”.

Quizzes: I will give pop quizzes in class on a random basis. Calculators are allowed on quizzes. Make-up quizzes will not be given.

Exams: There will be three in-class midterms and a comprehensive final exam. Calculators are allowed on exams. You must bring your own calculator. NO sharing calculators. Make-up exams will not be given. You must take the final exam to pass the course. The final exam score will replace your lowest test score if better.

- Exam 1 –July 13th
- Exam 2 –July 23rd
- Exam 3 –August 3rd
- Final Exam –August 6th

Getting Help: In addition to coming to office hours, you can get help at the Math, Science & Technology Resource Center (MSTRC) in S43.

Cheating Policy: Any student caught cheating on a quiz or an exam will receive 0 points on that quiz or exam. The same holds for any student who allows another student to cheat.

Attendance Policy: You are expected to be on time and attend all classes. Roll will be taken at the beginning of every class period. If you decide that you no longer want to be enrolled in the course, it is your responsibility to drop the course. Failure to do so may result in an F for the course.

Be Courteous to your fellow students. Please make sure your cell phones and other electronic devices are turned off AND put away . Anyone who repeatedly disrupts the class may be asked to leave.

College Policies:

- Students can not take the same class more than three times for a grade, including W.
- Late adds and late drops will not be processed.

Calendar:

This is a tentative course calendar

Week	Sections to be covered
1	2.5, 5.1, 5.2, 5.3, 5.4
2	5.5, Appendix A(scientific notation), 3.3, 6.1, 6.2
3	Exam 1 , 6.3, 6.4, 6.5, 7.1
4	7.2, 7.3, 7.4, 7.5, 3.1(Rational Exponents), Exam 2
5	8.1, 8.2, 8.3, 8.4, 9.1(Circles Only)
6	Exam 3 , 9.3, 9.4, Final Exam

Important Dates

Wednesday, July 1st – last day to drop with a refund

Sunday, July 5th – Last day to add

Sunday, July 5th – Last day to drop with no record of grade

Tuesday, July 28th – Last day to drop with a “W”

Wednesday, August 5th – Last regular class day

Thursday, August 6th – Final Exam (10 – 12:15a.m.)