



Math 114.37-34641

Winter 2017 Syllabus

Instructor: Neelam R. Shukla

Classroom: G 10

Meeting Times: TTh 4:00 p.m. – 6:15p.m.

E-mail: shuklaneelam@fhda.edu

Office Hour: Friday 9:30 a.m. to 11:30 p.m. in S43 (Tutoring Center)

Textbook: Intermediate Algebra by Blitzer 7th edition

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.

- 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: 10% Quizzes : 10% 3 Exams: 17 % 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.

There will be on 19th Jan, 31st Jan, 9th Feb, 23th Feb , 16th March. No Makeups (I will pick best three take the average) for 30 min.

• Exam 1 – 26th Jan • Exam 2 – 16th Feb Exam 3 • March – 9th • (I will pick best two take average and multiply by 3) for 90 min

Final Exam – 28-31 March

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:

1 st week	10th, 12th Jan	1.1, 1.6, 1.7, 3.3	
2 nd week	17th, 19th Jan	4.1, 4.2, 4.3, 5.6	Quiz 1 (TH)
3 rd week	24th, 26th Jan	6.1, 6.2, 6.3, 6.4	Exam 1 (TH)
4 th week	31st Jan, 2 Feb	6.6, 6.7, 6.8	Quiz 2 (TH)

5 th week	7 th Feb,9 th Feb	7.1-7.5	Quiz 3(TH)
6 th week	14 th Feb,16 th Feb	7.6,9.1,9.2	Exam 2(TH)
7 th Week	21 st Feb, 23 rd Feb	9.3,9.4,9.5	Quiz4 (TH)
8 th week	28 th Feb,2 nd March	10.1,11.1	
9 th week	7 th ,9 th March	11.2	Exam 3(TH)
10 th week	14 th ,16 th March	11.3	Quiz 5 (TH)
11 th week	21 st ,23 rd March	Review	
12 th week	Final Exam		

Dates and Deadlines:

Monday, Jan. 9 :: First day of Winter Quarter 2017.

Saturday, Jan. 21 :: Last day to add quarter-length classes. *Add date is enforced.*

Sunday, Jan. 22 :: Last day to drop for a full refund or credit (quarter-length classes). *Drop date is enforced.*

Sunday, Jan. 22 :: Last day to drop a class with no record of grade. *Drop date is enforced.*

Friday, Feb. 3 :: Last day to request pass/no pass grade. *Request date is enforced.*

Friday, March 3 :: Last day to drop with a "W." *Withdraw date is enforced.*

Monday, Jan. 16 :: Holiday: Observance of Martin Luther King's Birthday

Friday-Monday, Feb. 17-20 :: Holiday: Presidents' Day Weekend (no classes)