DE ANZA COLLEGE FALL 2016

BEGINNING ALGEBRA: Math 114.20   1:30PM to 3:45 PM   MW   Room S32

INSTRUCTOR: Steve Headley steve@headley.org Office 12:30-1:30 MW S43

TEXT: INTERMEDIATE ALGEBRA Workbook - De Anza College **BRING TO CLASS EACH DAY**

EQUIPMENT: Graphing Calculator TI-84+, TI-83, TI-84 Rent a calculator http//www.rentcalculators.org

PREREQUISITES: Prerequisite: Qualifying score on the Math Placement Test within the last calendar year; or Mathematics 210 with a grade of C or better.

COURSE DESCRIPTION; Application of linear functions, quadratic functions and linear systems to problems. Emphasis on the development of models of real world applications and interpretation of their characteristics.

HOMEWORK: Mathematics is learned by **DOING MATHEMATICS**. You are expected to **READ** the book, **STUDY** the example problems in the book, and **DO** the homework problems assigned on a **DAILY** basis. Homework problems are due at the BEGINNING of each class period. **DO EVERY OTHER ODD PROBLEM FROM EACH SECTION ASSIGNED. MINIMUM OUTSIDE CLASS TIME TEN HOURS/WEEK**

QUIZZES: Daily quizzes will be given at the end of each class meeting, twenty for a total for 100 points. **NO QUIZ MAKE-UPS, YOU MUST BE IN CLASS EVERY DAY.** EXAMS: There will be 4 EXAMS and a FINAL EXAM. Test #1 will cover Chapters 1&2. Test #2: Chapters 3-6. Test #3: Chapters 7, 8, 9, Test #4: Chapter 10, 11, 12, 13 The lowest test score will not be used in the computation of your course grade. **No TEST or FINAL make-ups will be given.** The **Final Exam will cover Chapters 1 through 13 and will be given Wednesday, December 14, 2016 at 4 to 6 PM. in room E36. BRING A BROWN SCANTRON FIFTY QUESTIONS ON ONE SIDE**

ATTENDANCE: Regular and punctual attendance is expected of each student. A student may be dropped for missing *TWO* classes during the quarter. If you decide to stop attending, it is your responsibility to drop the course prior to the drop date, or a grade of F will be given.

EVALUATION: The following scale will be used to determine course grade:

Quiz total	100	600 to 540 points	A
Mid-term tests	300	539 to 480 points	B
Final Exam	200	479 to 420 points	C
TOTAL	600	419 to 360 points	D
		000 to 359 points	F

DATE DUE

SEP	26	FIRST DAY		7	8.1, 8.2
	28	1.1, 1.2, 1.3		9	9.1, 9.2, 9.3
OCT	3	1.4, 1.5, 2.1		14	9.4, 9.5, 9.6
	5	2,2, 2.3, 2.4 Last Day to DROP w/$(10-9)		16	TEST 3 – CHAPTER 7, 8, 9.
	9	Last Day to DROP w/NG(10-9)		18	Last Day to DROP w/W(11-18)
	10	TEST 1 - CHAPTERS 1 & 2		21	10.1, 10.2, 10.3
	12	3.1, 3.2, 4.1 Last Day to Request P/NP(10-14)		23	10.4, 10.5
	17	4.2, 5.1, 5.2		28	11.1, 11.2, 11.3
	19	5.3, 5.4		30	12.1, 12.2, 12.3
	24	6.1, 6.2	DEC	5	13.1, 13.2, 13.3
	26	TEST 2 - CHAPTER 3, 4, 5, 6.		7	TEST 5 – CHAPTERS 10, 11,12, 13
	31	7.1, 7.2, 7.3		14	FINAL CHAPTERS 1 – 13
NOV	2	7.4, 7.5, 7.6			4 – 6PM

Student Learning Outcomes: 1. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational, and discrete function models 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.