DE ANZA COLLEGE SPRING 2017

INTERMEDIATE ALGEBRA: Math 114.21 CRN 01270   1:30PM to 3:45 PM   MW   Room S16
INSTRUCTOR: Steve Headley steve@headley.org Office 12:45-1:15 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 212 with a grade of C or better.
COURSE DESCRIPTION; Applications of linear functions, quadratic functions and linear systems. 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 worked problems. **DO THE IN-CLASS EXAMPLES** in the book with the teacher and ask questions for understanding. **DO** all of the **YOU TRY** problems and all of the **PRACTICE** problems at the end of each chapter. **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 Monday, June 26, 2017 at 1:45 to 3:45 PM. in room S16. BRING A 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

APR	10	FIRST DAY		29	HOLIDAY MEMORIAL
	12	1.1, 1.2, 1.3		31	TEST 3 – CHAPTER 7, 8, 9
	17	1.4, 1.5, 2.1	JUN	3	Last Day to DROPw/W(6-3)
	19	2.2, 2.3, 2.4		5	10.1, 10.2, 10.3
	22	Last Day to DROP w/NG(4-23)		7	10.4, 11.1, 11.2
	24	TEST 1 - CHAPTERS 1 & 2		12	11.3, 12.1
	26	3.1, 3.2, 4.1, 4.2		14	12.2, 12.3, 13.1
MAY	1	5.1, 5.2, 5.3, 5.4		19	13.2, 13.3
	3	6.1, 6.2 Last Day to Request P/NP(5-6)		21	TEST 5 – CHAPTERS 10, 11,12, 13
	8	TEST 2 - CHAPTER 3, 4, 5, 6.		26	FINAL CHAPTERS 1 – 13
	10	7.1, 7.2, 7.3			1:45 – 3:45PM
	15	7.4, 7.5,7.6			
	17	8.1, 8.2			
	22	9.1, 9.2, 9.3			
	24	9.4, 9.5, 9.6			

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.