DE ANZA COLLEGE WINTER 2015

INTERMEDIATE ALGEBRA: Math 114.22 1:30PM to 3:45 PM MW Room E36 CRN:
INSTRUCTOR: Steve Headley steve@headley.org Office S-43 12:45 – 1:15 MW
TEXT: INTERMEDIATE ALGEBRA Connecting Concepts Through Applications Clark
EQUIPMENT: Graphing Calculator TI 83+, 84+, 83, 86 **OR** Scientific Calculator
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; Application of exponential and logarithmic functions, rational functions, and sequences and series to problems. Emphasis will be 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.**
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 5 exams and a final exam. Test #1 will cover Chap.Sect 2.5, 3.3, 5.1-5, APP A&B. Test #2: Chapter 6. Test #3: Chapter 7. Test #4: Chapter 8. Test #5: Chapter 9. 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 covers Chapters all materials from tests and will be given Tuesday, March 24, 2015 at 1:30 to 3:45 PM.**
ATTENDANCE: Regular and punctual attendance is expected of each student. A student may be dropped for missing ***TWO CONSECUTIVE*** 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	700 to 630 points	A	
Mid-term tests	400	629 to 560 points	B	
Final Exam	200	559 to 490 points	C	
TOTAL	700	489 to 420 points	D	000 to 419 points F

DATE DUE

JAN	5	FIRST DAY	MAR	2	8.1, 8.2
	7	APPENDIX B, 2.5		4	8.3, 8.4
	12	5.1, 5.2 Last Day to ADD CLASS(1-17)		9	TEST 4 – CHAPTER 8
	14	5.3, 5.4 Last Day to DROPw/$(1-18)		11	9.1
	19	ML KING Holiday Last Day to DROPw/NG(1-19)		16	9.3
	21	5.5, APPENDIX A, 3.3			
	26	TEST 1 - CHAP.Sects APP A&B, 2.5, 3.3, 5.1-.5		18	9.4
	28	6.1-6.2 Last Day to Request P/NP(1-30)		23	TEST 5 - CHAPTER 9
FEB	2	6.3-6.4			
	4	6.5			
	9	TEST 2 – CHAPTER 6		24	FINAL CHAPTERS 2.5, 3.3, 5, 6,
	11	7.1-7.2			7, 8, 9, APPENDIX A & B
	16	Presidents' HOLIDAY			1:45 – 3:45pm
	18	7.3, 7.4			
	23	7.5, 3.1			
	25	TEST 3 – CHAPTER 7, 3.1 Last Day to DROPw/W(2-27)			

SLO Outcome 1. Evaluate real-world situations and distinguish between and apply exponential, logarithmic, rational and discrete function models appropriately. **Outcome 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.