

DE ANZA COLLEGE FALL 2015

BEGINNING ALGEBRA: Math 212.24 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 Connecting Concepts Through Applications Clark

EQUIPMENT: Scientific Calculator, If taking further courses, Graphing Calculator TI 83+, 84+, 83, 86

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 5 EXAMS and a FINAL EXAM. Test #1 will cover Chapter 1. Test #2: Chapter 2. Test #3: Chapters 3, Test #4: Chapter 4, Test #5: Chapter Sections 8.2 and 8.5. 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, 2, 3, 4, and 8 will be given Wednesday, December 9, 2015 at 1:45 to 3:45 PM, in room S16. BRING A BROWN SCANTRON FIFTY QUESTIONS ON ONE SIDE**

ATTENDANCE: Regular and punctual attendance is expected of each student. 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 the grade you earn.

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

SEP	21	Appendix A	NOV	4	TEST 3 – CHAPTER 3
	23	1.1, 1.2		9	Veteran's Day Holiday
	28	1.3, 1.4		11	4.1 Last Day to DROP w/W(11-13)
	30	1.5 Last Day to ADD/DROPw/NoRecord(10/4)			
OCT	5	1.6		16	4.2, 4.3
	7	1.7		18	4.4, 4.5
	12	TEST 1 – CHAPTER 1		23	4.6, 4.7
	14	2.1 - 2.2 Last Day to Request P/NP(10-16)		25	TEST 4 – CHAPTER 4
	19	2.3 - 2.4		30	8.2, 8.5
	21	TEST 2 - CHAPTER 2	DEC	2	TEST 5 – CHAPTER 8
	26	3.1			
	28	3.2, 3.3		9	FINAL CHAPTERS 1 – 4, 8
NOV	2	3.4, 3.5			1:45-3:45 PM

- SLO: 1. Evaluate real world situations and distinguish between and apply linear and quadratic function models appropriately.
2. Analyze, interpret and communicate results of linear and quadratic models in a logical manner from four points of view – visual, formula, number and written.
3. Demonstrate an appreciation and awareness of applications in their daily lives.