

DE ANZA COLLEGE WINTER 2018

BEGINNING ALGEBRA: Math 212.21 1:30PM to 3:45 PM MW Room MLC 260

INSTRUCTOR: Steve Headley steve@headley.org Office 12:30-1:20 MW S43

TEXT: BEGINNING ALGEBRA Student Workbook Preliminary Edition 2017

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

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 "YOU TRY"**

PROBLEM AND ALL OF THE PRACTICE PROBLEMS 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, 3, Test #2: Chapters 4, 5, 6, Test #3: Chapters 7, 8, Test #4:

Chapters 9, 10. 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 - 10 will be given Monday, March 26, 2018 at 1:45 to 3:45 PM. in room MLC 260 BRING A PINK PAR SCORE SCANTRON.

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

JAN	8	1.1 - 1.5	FEB	21	7.4, 8.1 - 8.2
	10	2.1 - 2.6		26	8.3 - 8.5
				28	8.6 - 8.7
	15	Martin Luther King Holiday	Mar	2	Last Day to DROP w/W
	17	3.1 - 3.5		5	TEST 3 - CHAPTER 7, 8
	20	Last Day to ADD		7	9.1 - 9.3
	21	Last Day to DROP w/\$ return	12	9.3 - 9.6	
	22	TEST 1 - CHAPTER 1, 2, 3		14	10.1 - 10.3
	24	4.1 - 4.3		19	10.4 - 10.6
	29	4.4 - 4.5		21	TEST 4 - CHAPTER 9, 10
	31	5.1 - 5.2			
FEB	2	Last Day to Request P/NP		26	FINAL CHAPTERS 1 - 10
	5	5.3, 6.1 - 6.2			MONDAY 1:45 - 3:45PM
	7	6.3 - 6.4			
	12	TEST 2 - CHAPTER 4, 5, 6			
	14	7.1 - 7.3			
	19	President's Day Holiday			

Student Learning Outcome(s):

*Evaluate real-world situations and distinguish between and apply linear and quadratic function models appropriately.

*Analyze, interpret, and communicate results of linear and quadratic models in a logical manner from four points of view - visual, formula, numerical, and written.

*Demonstrate an appreciation and awareness of applications in their daily lives.