

DE ANZA COLLEGE SPRING 2020

BEGINNING ALGEBRA: Math 114.21 1:30PM to 3:45 PM MW

INSTRUCTOR: Steve Headley headleystephen@fhda.edu Office 3:45-4:15 MW

TEXT: INTERMEDIATE ALGEBRA Workbook - De Anza College **BRING TO CLASS EACH DAY**, find it at link: <https://www.dropbox.com/s/omvr1f4cnsjcs1w/IntermediateAlgebra-DeAnzaCollege-first-ed.pdf?dl=0>

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; Application of linear functions, quadratic functions and linear systems to solve 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" AND PRACTICE 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. SEND PHOTO OF YOUR SOLUTION TO headleystephen@fhda.edu**

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 22, 2020 at 4 to 6 PM.**

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

<u>APR</u>	13	FIRST DAY		<u>MAY</u>	<u>MAY 25 Memorial Holiday</u>
	15	1.1, 1.2, 1.3			27 9.1, 9.2, 9.3
	20	1.4, 1.5, 2.1		<u>JUN</u>	1 9.4, 9.5, 9.6
	22	2.2, 2.3, 2.4 Last Day to DROP w/\$(4-26)			3 TEST 3 – CHAPTER 7, 8, 9
	27	TEST 1 - CHAPTERS 1 & 2			5 Last Day to DROP w/W(5-5)
	29	3.1, 3.2, 4.1 Last Day to Request P/NP(5-1)			8 10.1, 10.2, 10.3, 10.4, 10.5
<u>MAY</u>	4	4.2, 5.1, 5.2			10 11.1, 11.2, 11.3, 12.1, 12.2,
	6	5.3, 5.4, 6.1, 6.2			15 12.3, 13.1, 13.2, 13.3
	11	TEST 2 - CHAPTER 3, 4, 5, 6.			17 TEST 5 – CHAPTERS 10, 11,12, 13
	13	7.1, 7.2, 7.3			
	18	7.4, 7.5, 7.6,			22 FINAL CHAPTERS 1 – 13
	20	8.1, 8.2			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.

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