

DE ANZA COLLEGE WINTER 2015

FINITE MATHEMATICS: Math 11.25 4:00PM to 6:15 PM TR Room G10 CRN:

INSTRUCTOR: Steve Headley steve@headley.org Office S-43 12:45 – 1:15 MW

TEXT: APPLIED FINITE MATHEMATICS Sekhon 2nd Edition

EQUIPMENT: Graphing Calculator TI 83+, 84+, 83, 86

PREREQUISITES: Prerequisite: Qualifying score on the Math Placement Test within the last calendar year; or Mathematics 114 with a grade of C or better.

COURSE DESCRIPTION: Application of linear equations, sets, matrices linear programming, mathematics of finance and probability to real life problems. Emphasis on the understanding of the modeling process and how mathematics is used in real-world applications.

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 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 3 exams and a final exam. Test #1 will cover Chapters 1-3. Test #2: Chapters 4--6. Test #3: Chapter 7-9. The lowest test score will not be used in the computation of your course grade. Your third test will be the average of your highest two test scores. **No TEST or FINAL make-ups will be given. The Final Exam covers Chapters 1-10 and will be given Tuesday, March 24, 2015 at 4 to 6 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	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	6	FIRST DAY	FEB	26	7.1-7.3
	8	1.1-1.2	MAR	3	7.4-7.5
	13	1.3-1.4 Last Day to ADD CLASS(1-17)		5	8.1-8.2
	15	1.5-2.2 Last Day to DROPw/\$(1-18)		10	8.3-8.4
	19	Last Day to DROPw/NG(1-19)		12	9.1-9.3
	20	2.3-2.5		17	10.1-10.3
	22	2.6-3.2		19	TEST 3 - CHAPTERS 7-9
	27	Test 1, Study Chap Reviews Last Day to Request P/NP(1-30)			Study Chap Reviews
	29	4.1-4.2			
FEB	3	5.1-5.2			
	5	5.3-5.4		25	FINAL CHAPTERS 1-10
	10	5.5-5.6			4 – 6 pm
	12	6.1-6.3			
	17	6.4-6.5			
	19	6.6-6.7			
	24	Test 2, Study Chap Reviews 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.