

DE ANZA COLLEGE
MATH 11-05
ROOM S46; (M-Th) 10:00-12:15p
SUMMER 2018

INSTRUCTOR: E. NJINIBAM
OFFICE HOURS: BY APPOINTMENT
OFFICE: S46A; PHONE: (408)864-8545

PREREQUISITE: Math 114 or equivalent.

TEXTBOOK: Applied Finite Mathematics, 3rd ed., by Rupinder Sekhon.

MATERIALS: Scientific calculator (*TI-86 or --84 recommended.*)

GOAL: To understand and be able to solve problems dealing with : linear models; linear programming; mathematics of finance; probability theory; stochastic processes; and game theory.

ATTENDANCE: You are expected to attend all class lectures in their entirety. You may be dropped from the class if you are absent **twice** times. *Dropping or withdrawal from the class is the students' responsibility.* A student who discontinues coming to class and does not drop will get an F grade. *(Prior notification is required to leave class before it is over)*

It is the students' responsibility to contact/inform the instructor in the event of unforeseen circumstances.

CHEATING: Cheating is forbidden. There shall be no talking to, or unauthorized helping of other students, or copying from or looking at another student's paper during testing. No cell phones/laptops or other communication devices allowed during testing. A class/course grade of F will be given for any of the above infractions.

HOMEWORK: Homework assignment sheets will be handed out in class for every chapter. Homework will not be collected, and will not be graded.

QUIZZES: Quizzes(3), usually from homework, will be given. NO MAKE UPS .

TESTS: Midterms (2) will be given. NO MAKE UPS .
One-half of the final exam grade will be used to replace lowest test score, if greater.

FINAL EXAM: A two-hour comprehensive final exam will be given on THURSDAY, AUGUST 9 (10:00-12:15p). **THIS IS A MUST EXAM.** A grade of F will be assigned to those who miss the final exam.

GRADE:	Quizzes-----100pts.	A: 90% - 100% (450+pts.)
	Midterm (2) @ 100pts.-----200pts.	B : 80% - 89% (400-449pts.)
	<u>Final Exam-----200pts.</u>	C : 60% - 79% (300-399pts.)

TOTAL

500pts.

D : 50% - 59% (250-299pts.)

F : 0% - 49% (0-249pts.)

IMPORTANT DATES: See Reverse Side.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SAT	SUN
JUL	2 INSTRUCTION BEGINS Chap 1	3 Chap 1 (1.1-1.5)	4 4th of July HOLIDAY	5 Chap 2 (2.1-2.4) Quiz 1	6 Last day to drop with full refund Last day to add	7	8
JUL	9 Chap 3 (3.1,3.2)	10 Chap 3/4 Last day to drop with no grade of record	11 Chap 4 (4.1-4.2)	12 Last day for P/NP 6week Test 1	13	14	15
JUL	16 Chap 4/5 (5.1-5.6)	17 Chap 5	18 Chap 6 (6.1-6.7)	19 Chap 6 Quiz 2	20	21	22
JUL	23 Chap 6 Last day to P/NP & drop 8 week	24 Chap 7 (7.1-7.5)	25 Chap 7	26 Test 2	27	28	29
JUL / AUG	30 Chap 7/8	31 Chap 8 (8.1-8.4)	1 Chap 8/9	2 Chap 9 (9.1-9.3) Quiz 3	3	4	5
AUG	6 Chap 9/10	7 Chap10 (10.1-10.3)	8 Chap 11 (11.1-11.3)	9 FINALS 6 Week Session	10	11	12
AUG	8	9	10	11	12	13	14

Student Learning Outcome(s):

*Identify, evaluate, and utilize appropriate linear and probability optimization models and communicate results.

*Compare, evaluate, judge, make informed decisions, and communicate results about various financial opportunities by applying the mathematical concepts and principles of the time value of money.