DE ANZA COLLEGE
MATH *43.25*
ROOM *S46 (TTh) 1:30-3:45 pm*
WINTER   2020

INSTRUCTOR: *E. NJINIMBAM*
OFFICE HOURS: *(M-F) 11:30-12:20 pm*
OR *By Appointment*
OFFICE: *S46A* ; **PHONE:** *(408)864-8545*

PREREQUISITE: Math 41, and 42 or equivalent.

TEXTBOOK: <u>Precalculus with limits</u>, 3ʳᵈ ed.,Larson.

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

GOAL: To understand and be able to solve problems dealing with : systems of equations and inequalities; sequences and series; the elements of plane and analytic geometry: lines and circles; conics; polar and parametric equations; vectors; mathematical induction, and the binomial theorem.

ATTENDANCE: You are expected to attend all class lectures in their entirety. You may be dropped from the class if you are absent **three** 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 tests/quizzes. 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 will be assigned everyday . Special homework sets, and assignments will be given, collected, and graded as take home quizzes (group work).

QUIZZES: In class quizzes (individual work), and take home quizzes (group work) will be given. (A group consists of three to five partners). NO MAKE UPS .

TESTS: Tests (3) will be given during the quarter. NO MAKE UPS .
One-half of the final exam grade will be used to replace lowest test score, if greater, except in the case of cheating.

FINAL EXAM: A two-hour comprehensive final exam will be given on TUESDAY, MARCH 24 (*1:45–3:45 pm*). THIS IS A MUST EXAM.
A grade of **F** will be assigned to those who miss the final exam.

GRADE: Quizzes/Hwk ---------------------200pts.   A: 90% - 100% (630+pts.)

Tests (3) @ 100pts.-----------------300pts.   B : 80% - 89%   (560-629pts.)
Final Exam------------------------200pts.   C : 60% - 79%   (420-559pts.)
       TOTAL   **700pts.**   D : 50% - 59%   (350-419pts.)
                                          F : 0% - 49%   (0-349pts.)

IMPORTANT DATES: See Reverse Side.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
Jan	6 **INSTRUCTION BEGINS**	7 Chap 7 (7.1,7.3,7.5 [7.4]	8	9 Chap 7	10	11	12	1
Jan	13	14 Chap 7	15	16 Chap 7	17	18 Last Day to Add quarter-length classes	19 Last Day to Drop / Last day to drop w/refund or credit	2
Jan	20 **M L K Holiday** *Last day to Drop w no grade or record*	21 Chap 7	22	23 Chap 8/ Test 1	24	25	26	3
Jan / Feb	27	28 Chap 8 (8.1-8.5)	29	30 Chap 8/	31 Last day to request pass/no pass grade **Feb**	1	2	4
Feb	3	4 Chap 9 (9.1-9.5)	5	6 Chap 9	7	8	9	5
Feb	10	11 Chap 9	12	13 Vhap 9	14 **Lincoln's B-Day Holday**	15 **President's Weekend**	16	6
Feb	17 **Washington's B-da Holiday**	18 Chap 9/10	19	20 Chap 10/ Test 2	21	22	23	7
Feb / March	24	25 Chap 10 (10.2-10.9) [10.5]	26	27 Chap 10	28 **Last Day to drop with a W** March	29	1	8
March	2	3 Chap 10	4	5 Chap 11 (11.1-11.4)	6	7	8	9
March	9	10 Chap 11	11	12 Chap 11	13	14	15	10
March	16	17 Chap 11/ Test 3	18	19 Chap 11	20	21	22	11
March	23 FINALS	24 1:45-3:45 pm FINALS (S46)	25 FINALS	26 FINALS	27 **Wnter Qtr. FINALS**	28	29	12
April	30 RECESS	31 RECESS	1 RECESS	2 RECESS	3 RECESS	4	5	0
April	6 **INSTRUCTION BEGINS**	7	8	9	10	11	12	1
April	13	14	15	16	17	18	19	2
April	20	21	22	23	24	26	27	3

Student Learning Outcome(s):

*Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.

*Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.

*Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.