DE ANZA COLLEGE
MATH *43.63*
ROOM *S46 (TTh) 6:30-8:45 pm*
WINTER 2019

INSTRUCTOR: *E. NJINIMBAM*
OFFICE HOURS: *(TTh) 12:30-1:20 pm & 8:50-9:45 pm*
OR *By Appointment*
OFFICE: *S46A* ; **PHONE:** *(408)864-8545*

PREREQUISITE: Math 41, and 42 or equivalent.

TEXTBOOK: Precalculus with limits, 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 THURSDAY, MARCH 28 (*6:15–8:15 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.

Winter 2019

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