DE ANZA COLLEGE
MATH *1D.21*
ROOM *S46 (MW) 1:30 - 3:45 p*
WINTER 2020

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

PREREQUISITE: Math 1C or equivalent.

TEXTBOOK: CALCULUS – Early transcendentals ; 8th ed., James Stewart.

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

GOAL: To understand and be able to solve problems dealing with : vector functions; multi-variate calculus--partial derivatives, multiple integrals; and topics in vector calculus.

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. The use of cell phones or other communication devices is forbidden during class and tests. 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 MONDAY, MARCH 23 (*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.
Final Exam----------200pts.
TOTAL **700pts.**

B : 80% - 89% (560-629pts.)
C : 60% - 79% (420-559pts.)
D : 50% - 59% (350-419pts.)
F : 0% - 49% (0-349pts.)

IMPORTANT DATES: See Reverse Side.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
Jan	Chap 14 6 **INSTRUCTION BEGINS**	7	8 Chap 14 (14.1-14.8)	9	10	11	12	1
Jan	13 Chap 14	14	15 Chap 14	16	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	22 Chap 14/ Test 1	23	24	25	26	3
Jan / Feb	27 Chap 14	28	29 Chap 15 (15.1-15.9)	30	31 Last day to request pass/no pass grade **Feb**	1	2	4
Feb	3 Chap 15	4	5 Chap 15	6	7	8	9	5
Feb	10 Chap 15	11	12 Chap 15	13	14 **Lincoln's B-Day Holday**	15 **President's Weekend**	16	6
Feb	17 **Washington's B-day Holiday**	18	19 Chap 15/ Test 2	20	21	22	23	7
Feb / March	24 Chap 15	25	26 Chap 15	27	28 **Last Day to drop with a W** March	29	1	8
March	2 Chap 16 (16.1-16.9)	3	4 Chap 16	5	6	7	8	9
March	9 Chap 16	10	11 Chap 16	12	13	14	15	10
March	16 Chap 16/ Test 3	17	18 Chap 16	19	20	21	22	11
March	23 1:45-3:45 pm FINALS (S46)	24 FINALS	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):

*Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
*Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
*Synthesize the key concepts of differential, integral and multivariate calculus.