

DE ANZA COLLEGE
MATH 1D.27
ROOM S46 (TTh) 4:00 - 6:00 p
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 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 THURSDAY, MARCH 28 (4:00-6:00 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.

Winter 2019

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
Jan	7 INSTRUCTION BEGINS	8 Chap 14 (14.1-14.8)	9	10 Chap 4	11	12	13	1
Jan	14	15 Chap 14	16	17 Chap 14	18	19 Last Day to Add quarter-length classes	20 Last Day to Drop	2
Jan	21 M L K Holiday Last day to Drop w no grade or record	22 Chap 14	23	24 Chap 14/ Test 1	25	26	27 Last day to drop w/refund or credit	3
Jan / Feb	28	29 Chap 15/ (15.1-15.9)	30	31 Chap 15	1 Last day to request pass/no pass grade Feb	2	3	4
Feb	4	5 Chap 15	6	7 Chap 15	8	9	10	5
Feb	11	12 Chap 15	13	14 Chap 15	15 Lincoln's B-Day Holiday	16 President's Weekend	17	6
Feb	18 Washington's B-da Holiday	19 Chap 15	20	21 Chap 15/ Test 2	22	23	24	7
Feb / March	25	26 Chap 16 (16.1-16.9)	27	28 Chap 16	1 Last Day to drop with a W March	2	3	8
March	4	5 Chap 16	6	7 Chap 16	8	9	10	9
March	11	12 Chap 16	13	14 Chap 16	15	16	17	10
March	18	19 Chap 16/ Test 3	20	21 Chap 16	22	23	24	11
March	25 No Class	26 No Class	27 No Class	28 (4-6 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):

*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.