

DE ANZA COLLEGE
MATH 1D.61
ROOM S46 (TTh) 4:00 - 6:00 p
SPRING 2019

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 THURSDAY, JUNE 27 (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.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APR	8 INSTRUCTION BEGINS	9 Chap 14 (14.1-14.8)	10	11 Chap 14	12	13	14	1
APR	15	16 Chap 14	17	18 Chap 14	19	20 (Last day to add or drop)	21 (Last day to drop with no grade or record)	2
APR	22	23 Chap 14	24	25 Chap 14/ Test 1	26	27	28	3
MAY	29	30 Chap 15 (15.1-15.9)	1	2 Chap 15	3 Last day to request Pass / No Pass	4	5	4
MAY	6	7 Chap 15	8	9 Chap 15	10	11	12	5
MAY	13	14 Chap 15	15	16 Chap 15	17	18	19	6
MAY	20	21 Chap 15	22	23 Chap 15/ Test 2	24	25	26	7
MAY / JUN	27 MEMORIAL DAY HOLIDAY	28 Chap 16 (16.1-16.9)	29	30 Chap 16	31 Last day to drop with a "W"	1	2	8
JUN	3	4 Chap 16	5	6 Chap 16	7	8	9	9
JUN	10	11 Chap 16	12	13 Chap 16	14	15	16	10
JUN	17	18 Chap 16/ Test 3	19	20 Chap 16	21	22	23	11
JUN /	24 No Class	25 No Class	26 No Class	27 4-6 pm FINALS (S46)	28 No Class	29-30 Commencement Ceremony		12
Jun	1 Summer Qtr Starts	2	3	4	5	6	7	1
July	8	9	10	11 Last day to request pass/no pass	12	13	14	2
July	15	16	17	18	19	Summer class: 6-weeks Mon - Thur. College Closed Fri - Sun		3
July	22	23	24	25	26	27	28	4
Aug	29	30	31	1	2	3	4	5
Aug	5	6	7	8 FINALS	9	10	11	6
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	

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.