

DE ANZA COLLEGE  
MATH 1C-05  
ROOM S46 (M-F) 9:30-10:20a  
WINTER 2018

INSTRUCTOR: E. NJINIMBAM  
OFFICE HOURS: (M-F) 10:30-11:20a  
OR By Appointment  
OFFICE: S46A ; PHONE: (408)864-8545

PREREQUISITE: Math 1B or equivalent.

TEXTBOOK: CALCULUS: Early Transcendentals; 8<sup>th</sup> ed., James Stewart.

MATERIALS: Graphing calculator (*TI-84 recommended*)

GOAL: To understand and be able to solve problems dealing with : differential equations ; infinite sequences and series ; Taylors' polynomials; Vectors, and equations of lines and planes in 3-D; and quadric surfaces.

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: Inclass 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 27 (9:15-11:15 am). **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	8 INSTRUCTION BEGINS	9 Chap 10 (10.1-10.4)	10 Chap 10	11 Chap 10	12 Chap 10	13	14	1
Jan	15 M L K Holiday	16 Chap 10	17 Chap 10	18 Chap 10	19 Chap 11 (11.1-11.11)	20 Last Day to Add quarter-length classes	21 Last Day to Drop	2
Jan	22 Chap 11 <i>Last day to Drop w no grade or record</i>	23 Chap 11	24 Chap 11	25 Chap 11	26 Test 1	27 Last day to drop w/refund or credit	28	3
Jan / Feb	29 Chap 11	30 Chap 11	31 Chap 11	1 Chap 11	2 Chap 11 <u>Last day to request pass/no pass grade</u>	3	4	4
Feb	5 Chap 11	6 Chap 11	7 Chap 11	8 Chap 11	9 Chap 11	10	11	5
Feb	12 Chap 17 17.4	13 Chap 17	14 Chap 17	15 Chap 12 (12.1-12.6)	16 Lincoln's B-Day Holiday	17 President's Weekend	18	6
Feb	19 Washington's B-da Holiday	20 Chap 12	21 Chap 12	22 Chap 12	23 Test 2	24	25	7
Feb / March	26 Chap 12	27 Chap 12	28 Chap 12	1 Chap 12	2 Chap 12 Last Day to drop with a W	3	4	8
March	5 Chap 12	6 Chap 12	7 Chap 13 (13.1-13.4)	8 Chap 13	9 Chap 13	10	11	9
March	12 Chap 13	13 Chap 13	14 Chap 13	15 Chap 13	16 Chap 13	17	18	10
March	19 Chap 13	20 Chap 13	21 Test 3	22 Chap 13	23 Chap 13	24	25	11
March / April	26 No Class	27 9:15-11:15 am FINALS (S46)	28 No Class	29 No Class	30 No Class	31	1	12
April	2 RECESS	3 RECESS	4 RECESS	5 RECESS	6 RECESS	7	8	0
April	9 INSTRUCTION BEGINS	10	11	12	13	14	15	1
April	16	17	18	19	20	21	22	2
April	23	24	25	26	27	28	29	3



**Student Learning Outcome(s):**

\*Graphically, analytically, numerically and verbally analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.

\*Apply infinite sequences and series in approximating functions.

\*Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.