

DE ANZA COLLEGE  
MATH 1B.03  
ROOM S46 (M-F) 8:30-9:20 am  
WINTER 2018

INSTRUCTOR: E. NJINIBAM  
OFFICE HOURS: (M-F) 10:30-11:20 am  
OR BY APPOINTMENT  
OFFICE: S46A; PHONE: (408) 864-8545

PREREQUISITE: Math 1A or equivalent.

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

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

GOAL: To understand and be able to solve problems dealing with: the applications of integration; properties of exponential, logarithmic, and hyperbolic functions; techniques of integration; and separable differential equations.

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 the final exam grade will be used to replace the lowest test score, if greater, except in the case of cheating.*

FINAL EXAM: A two-hour comprehensive final exam will be given on **WEDNESDAY, MARCH 28 (7:00-9:00 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.	B : 80% - 89% (560-629pts.)
	<u>Final Exam-----200pts.</u>	C : 60% - 79% (420-559pts.)

TOTAL

700pts.

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 5 (5.1-5.5)	10 Chap 5	11 Chap 5	12 Chap 5	13	14	1
Jan	15 M.L.K. Holiday	16 Chap 5	17 Chap 5	18 Chap 5	19 Chap 5	20 Last Day to Add quarter-length classes	21 Last Day to Drop	2
Jan	22 Chap 5 <i>Last day to Drop w no grade or record</i>	23 Chap 6 (6.1-6.5)	24 Chap 6	25 Chap 6	26 Test 1	27 Last day to drop w/refund or credit	28	3
Jan / Feb	29 Chap 6	30 Chap 6	31 Chap 6	1 Chap 6	2 Chap 6 <u>Last day to request pass/no pass grade</u>	3	4	4
Feb	5 Chap 6	6 Chap 6	7 Chap 6	8 Chap 6	9 Chap 7 (7.1-7.8)	10	11	5
Feb	12 Chap 7	13 Chap 7	14 Chap 7	15 Chap 7	16 Lincoln's B-Day Holiday	17 President's Weekend	18	6
Feb	19 Washington's B-day Holiday	20 Chap 7	21 Chap 7	22 Chap 7	23 Test 2	24	25	7
Feb / March	26 Chap 7	27 Chap 7	28 Chap 7	1 Chap 8	2 Chap 8 Last Day to drop with a W	3	4	8
March	5 Chap 8 (8.1-8.3,8.5) [8.4]	6 Chap 8	7 Chap 8	8 Chap 8	9 Chap 8	10	11	9
March	12 Chap 9 (9.1,9.4)	13 Chap 9	14 Chap 9	15 Chap 9	16 Chap 9	17	18	10
March	19 Chap 9	20 Chap 10 10.2 [10.1]	21 Test 3	22 Chap 10 10.2	23 Chap 10	24	25	11
March / April	26 No Class	27 No Class	28 7-9 am FINALS (S46)	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):**

\*Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.

\*Formulate and use the Fundamental Theorem of Calculus.

\*Apply the definite integral in solving problems in analytical geometry and the sciences.