

DE ANZA COLLEGE
MATH 02A.63
ROOM S45; (M-F) 12:30-1:20 pm
SPRING 2015

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

PREREQUISITE: Math 1D or equivalent.

TEXTBOOK: Fund. of Differential Equations with Boundary Value Problems; 6th ed., Nagle/Saff.
OR Fund. of Differential Equations; 8th ed., Nagle/Saff.

MATERIALS: Scientific calculator (TI-85 or -86 recommended.)

GOAL: To understand and be able to solve problems dealing with the theory and applications of differential equations using various techniques and methods : analytical methods (including Laplace transforms, and series solutions) and numerical methods (including Euler , and Picard's methods).

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. 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, in class, during the quarter. **NO MAKE UPS** .
One-half the final exam grade will be used to replace the lowest test score, if greater.

FINAL EXAM: A two-hour comprehensive final exam will be given on **TUESDAY, JUNE 23 (11:30-1:30 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.	B : 80% - 89% (560-629pts.)
	Final Exam-----200pts.	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
	INSTRUCTION BEGINS ⁶	Chap 1 (1.1-1.4) ⁷	Chap 1 ⁸	Chap 2 (2.2-2.6) ⁹	Chap 2 ¹⁰	¹¹	¹²	1
APR	Chap 2 ¹³	Chap 2 ¹⁴	Chap 2 ¹⁵	Chap 3 3.2 [3.3-3.7] ¹⁶	Chap 3 ¹⁷	(Last day to add or drop) ¹⁸	(Last day to drop with no grade or record) ¹⁹	2
APR	Chap 4 (4.1-4.10) ²⁰	Chap 4 ²¹	Chap 4 ²²	Chap 4 ²³	Test 1 ²⁴	²⁵	²⁶	3
APR / MAY	Chap 4 ²⁷	Chap 4 ²⁸	Chap 4 ²⁹	Chap 4 ³⁰	Chap 4 ¹ Last day to request Pass/No Pass	²	³	4
MAY	Chap 5 (5.2,5.4) [5.6,5.7] ⁴	Chap 5 ⁵	Chap 5 ⁶	Chap 5 ⁷	Chap 5 ⁸	⁹	¹⁰	5
MAY	Chap 6 (6.1-6.4) ¹¹	Chap 6 ¹²	Chap 6 ¹³	Chap 6 ¹⁴	Chap 6 ¹⁵	¹⁶	¹⁷	6
MAY	Chap 7 (7.1-7.9) ¹⁸	Chap 7 ¹⁹	Chap 7 ²⁰	Chap 7 ²¹	Test 2 ²²	²³	²⁴	7
MAY / JUN	MEMORIAL DAY HOLIDAY ²⁵	Chap 7 ²⁶	Chap 7 ²⁷	Chap 7 ²⁸	Chap 7 ²⁹ Last day to drop with a "W"	³⁰	³¹	8
JUN	Chap 8 (8.1-8.8) ¹	Chap 8 ²	Chap 8 ³	Chap 8 ⁴	Chap 8 ⁵	⁶	⁷	9
JUN	Chap 8 ⁸	Chap 8 ⁹	Chap 8 ¹⁰	Chap 8 ¹¹	Chap 8 ¹²	¹³	¹⁴	10
JUN	Chap 9 (9.4-9.8) ¹⁵	Chap 9 ¹⁶	Chap 9 ¹⁷	Chap 9 ¹⁸	Test 3 ¹⁹	²⁰	²¹	11
JUN /	Review ²²	11:30-1:30 (S45) FINALS ²³	No Class ²⁴	No Class ²⁵	No Class ²⁶	Commencement Ceremony	²⁸	12