

DE ANZA COLLEGE FALL 2015
COURSE INFORMATION SHEET
MATH 001A-61 ROOM G 7

INSTRUCTOR	AMARJIT S. CHADDA
E-MAIL CONTACT	Chaddaamarjit@fhda.edu
OFFICE HOUR	Room: E 37 5:50-6:20 (Mondays/Wednesdays)

1. NEEDED FOR THIS CLASS

Textbook	Calculus, Early Transcendental Functions. 7th Edition By James Stewart
Calculator	A graphing calculator TI-83+, TI-84, or TI-84+ is required
Prerequisites:	Math 41, Math 42, Math 43 with a grade C and up.

2. **STUDENT LEARNING OUTCOMES:** Definition and use of limits of functions, including L'Hospital's Rule; definition of continuity and applying it to analyze behavior of functions; definition of derivative, derive the power, quotient, product, and chain rules to differentiate algebraic, power, logarithmic, trigonometric and hyperbolic functions, including implicit and parametric equations. Use first and second derivative tests to characterize the direction and concavity of graphs of functions; apply derivative to solve rates of change, related rates, and maxima-minima problems. Apply Intermediate Value Theorem to locate roots of functions, interpret and apply the Mean Value Theorem for derivatives in relation to average value and instantaneous rate of change situations. Apply Newton's Method to find solution of equations. Define the antiderivative and find antiderivatives of simple functions.

3. **TIME COMMITMENT** According to the college catalogue, page 34 under Units, "Students should expect two hours of outside preparation for each one hour spent in class." Since the class meets 4+ hours a week, it is expected a minimum of 9 to 10 hours a week should be spent on this class. Mastery of the material should determine by how much time you spend, not the clock.

4. **ATTENDANCE AND CLASS RULES**

Learning mathematics demands regular attendance and a commitment on part of students to get to class on time and stay the entire session. Regular, punctual attendance at all class meetings is expected of each student. Coming late and leaving early is rude to the instructor and to your classmates. The instructor may drop a student who misses more than two classes. **Ultimate responsibility of dropping from the course lies with the student.**

Difficulties that could cause attendance problems should, at student's initiative, be discussed with the instructor as early as possible. If you are unable to avoid an absence it is your responsibility to keep up with the class.

5. **ELECTRONIC DEVICES** - cell phones, laptops, iPods, iPods, etc.:

- All listening devices and all cell phones must be turned off and must not remain on a student's desk during class.
- No electronics devices, such as laptops or iPads are allowed to use during class.
- No texting on your cell phone is allowed during class.

6. **QUIZZES**

Several short quizzes will be given, almost daily. **The dates for the quizzes will not be announced.** The quizzes will be on the material already discussed in the class and will have problems similar to homework problems. **Your two lowest quiz scores will be dropped. There will be no make-up**

should you miss a quiz. However, for a good reason for the absence by a student, the instructor may allow for the makeup of a quiz.

7. MID-TERM EXAMS

Three midterm exams will be given. The dates for the exams are listed in the schedule sheet. All tests are closed book. However, you may bring one-half page of 8.5 in. by 11 in. with any information written on both sides of it. **There will be no make-ups should you miss an exam.** If the absence can't be avoided, discuss the situation with the instructor prior to the exam date.

8. FINAL EXAMINATION

A comprehensive final exam will be given. **It must be taken on the date shown in schedule sheet. Failure to take the Final Exam will result in an automatic F.** For the Final Exam you may bring one full page of 8.5 in. by 11 in. with any information written on both sides of it.

9. **HOMEWORK** Students will do homework on a computer using Enhanced Web Assign website. I have attached the page, **"HOW TO REGISTER?"** Follow the instructions. The Access Code for homework is **deanza 3884 5112**. Homework assignments numbers in the course calendar sheet, page 3, match with the numbers on Webassign. **The problems assigned are not intended for the mastery of the topic. More problems should be done from the book to master the topic for the assignment**

10. DROPPING

It is your responsibility to go to the registrar's office or online and drop yourself from the class. If you just stop attending, you will receive an F for the course. Note three important dates:

Friday, October 3	Last day to add a quarter length class
Saturday, October 4	Deadline to drop a class for full refund or credit.
	Last day to drop a class with no record of grades
Friday, October 16	Last day to request pass/no pass of grade
Friday, November 13	Deadline to drop a class with a "W".

11. **GRADING POLICY:** Your grade will be based on the following categories.

Homework	10%
Quizzes (drop 2 quizzes with lowest scores)	20%
Three Midterm-Exams	40%
Final Examination	30%

Your grade in the course will be computed as follows:

97%+ A+	90%+ A	89%+ A-
87%+ B+	80%+ B	79%+ B-
77%+ C+	70%+ C	(C- grade is not given)
67%+ D+	60%+ D	55%+ D-
0% to 59%	F	

12. **EXTRA CREDIT** **THERE WILL BE NO EXTRA CREDIT ASSIGNMENTS. PLEASE DO NOT ASK.**

13. **DEVIATION FROM THE ABOVE POLICIES IS AT THE SOLE DISCRETION OF THE INSTRUCTOR.**

MATH 1A 0061(CALCULUS) HOMEWORK SCHEDULE
FALL QUARTER 2015: (6:30-8:45 PM. M/W)

MONDAYS	WEDNESDAY		MONDAYS	WEDNESDAY
(1) September 21 HW#1 Sections 2.1, 2.2	(2) September 23 HW#2 Section 2.3		(3) September 28 HW#3 Section 2.5	(4) September 30 HW#4 Sections 2.6, 2.7
(5) October 5 HW#5 Section 2.8	(6) October 7 HW#6 Section 3.1		(7) October 12 HW#7 Section 3.2 EXAM#1 (2.1 – 2.8)	(8) October 14 HW#8 Section 3.3
(9) October 19 HW#9 Section 3.4	(10) October 21 HW#10 Section 3.5, 3.6		(11) October 26 HW#11 Section 3.9	(12) October 28 HW#12 Section 3.10
(13) November 2 HW#13 Section 4.1	(14) November 4 HW#14 Section 4.2 EXAM#2 (3.1 – 3.11)		(15) November 9 VETERANS DAY	(16) November 11 HW#15 Sections 4.3
(17) November 16 HW#16 Section 4.4, 4.5	(18) November 18 HW#17 Section 4.7, 4.8		(19) November 23 HW#18 Section 4.9	(20) November 25 HW#19 Sections 10.1, 10.2
(21) November 20 REVIEW EXAM#3 (4.1 – 4.9; 10.1-10.2)	(22) December 3 REVIEW		(23) December 7	(24) December 9 FINAL EXAM 6:15 to 8:15