Math 1A   **De Anza College, Cupertino.**   **Quarter - Fall 2017**

Course: MathD00 1A.25, Calculus I   **Code # 01482**   **Units: 5**
<u>Prerequisite:</u> **Math 43 with C or better grade. <u>Time</u> –MW, 4:00 to 6:15 pm, Room – G 5**
<u>Office hours:</u> **Mondays, Wednesdays, 6:15 to 6:45 pm, Room E 37.**
Textbook: Calculus, Early Transcendentals. 8th Edition. Author: James Stewart.
Equipment: TI 83 plus/TI 84 plus graphing calculator required.
Instructor: H. K. SHAH. Email: shahhemendra@fhda.edu
<u>Web Assign course name:</u> **Calculus 1, Math 1A, Fall 2017. HKSHAH. De Anza Co. <u>Class Key:</u> deanza 3868 4866**

<u>Attendance:</u> **Students are expected to attend all class meetings without tardy. Student with three recorded absences may be dropped from the course. If student decides to drop the course, it is his/her responsibility to drop the course. Student disappearing get F grade. There are 10 points for attendance, for each absence 5 points will be deducted.**
<u>Student Learning Outcome (SLO) statement:</u> **(1) Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision. (2) Evaluate the behavior of graphs in the context of limits, continuity and differentiability. (3) Recognize, diagnose, and decide on the appropriate method for solving applied real-world problems in optimization, related rates and numerical approximation.**
<u>Course Objectives:</u> **I shall cover chapters 1 to 4, and partially chapter 10. Chapter 1 covers the topics students already have studied in Pre-Calculus. It is a review. New topics we are going to cover are Limits and Continuity, Differentiation, applications of Differentiation, antiderivatives, and parametric equations. It is an intensive course, needing 6 to 8 hours of study time per week out side the class. We are going to use TI-83/84 plus graphing calculator intensively.**
<u>Homework:</u> **Students will do homework on internet using Enhanced Web Assign program at web address <u>www.webassign.net/cengage</u> . You need to get the access code when you buy the book. Web Assign course name and class key are written above. You need class key when you create your account. Late homework will not be accepted for grading purpose.**
<u>Examinations:</u> **There will be three midterm tests, each of one hour, and four quizzes each of 15 to 20 minutes. There will be no make-ups for missed exams/final or quizzes. If only one test is missed due to unavoidable circumstance, and the instructor is notified in advance or quickly; the final exam percent will be replaced for missed test percent. If you are not absenting in any exam, the final exam percent will replace your lowest exam score, if your final exam percent is higher. A comprehensive final examination of two hours will be given on Wednesday, December 13, 2017 during 4:00 to 6:00 pm in our classroom. Student absent in the final exam will get F grade.** *All students need to save corrected returned papers of quizzes and midterm exams. I may need it in unusual situation.*
<u>Disruptive behavior:</u> **De Anza College will enforce all policies and procedures set forth in the** *Standards of Students Conduct* **(refer catalogue). Any student disrupting a class may be asked to leave that class. Administrative follow-up may result.**
<u>Academic Integrity:</u> **It is assumed that all students will pursue their studies with integrity and honesty; however, all students should know that incidents of academic dishonesty like cheating and plagiarism are taken very seriously. Students involved in cheating will be dropped and get F for the course. Further disciplinary action by administration will follow.**
<u>Grades:</u>

Grade scale	Points range	Percentage range		Examination	points
A+ 4.0	476 to 500	95 + to 100 %		Three Tests	3x70 = 210
A 4.0	456 to 475	91 + to 95 %		Four Quizzes	4x20 = 80
A_ 3.7	436 to 455	87+ to 91 %		Homework	50
B+ 3.3	416 to 435	83+ to 87 %		Class attendance	10
B 3.0	396 to 415	79+ to 83 %		Tutorial attendance	10
B_ 2.7	376 to 395	75+ 79 %		Final examination	140
C+ 2.3	351 to 375	70+ 75 %		Total points	500
C 2.0	326 to 350	65+ to 70 %			
D+ 1.3	306 to 325	61+ to 65 %			
D 1.0	296 to 305	59+ to 61 %			
D_ 0.7	276 to 295	55+ 59 %			
F 0.0	0 to 275	0 to 55 %			

Math 1A De Anza College, Cupertino. Quarter- Fall 2017

Course: MathD –001A -25, Calculus Call #01482 Units: 5
Time - MW, 4:00 to 6:15 pm Room- G 5
Text: Calculus, Early Transcendentals. 8th edition, By James Steward.
Equipment: TI 83 plus/TI 84 plus graphing calculator required.
Instructor: H. K. SHAH. Email: shahhemendra@fhda.edu
Web Assign course name: Calculus 1, Math 1A, Fall 2017. HKSHAH. De Anza Co. Class Key: deanza 3868 4866

Week #	Monday	Tuesday	Wednesday	Thursday	Friday
1 September	25 Chapter 1 Review	26	27 2.1,2.2	28	29
2	Oct. 2 Quiz-1, HW-1 2.3	3	4 2.4, 2.5	5	6,7,8. Oct. 8, Last day to drop with no record of grade
3 October	09 Quiz-2, HW-2 2.6	10	11 2.7, 2.8	12	13
4	18 Review, HW-3 Test -1	17	18 3.1, 3.2	19	20 Last day to request for pass/no pass.
5	23 3.3, 3.4	24	25 3.5, 3.6	26	27
6	30 Quiz-3, HW-4 3.8	31	Nov. 1 3.9,3.10	02	03
7 November	06 Review, HW-5 Test - 2	07	08 4.1, 4.2	09	10
8	13 4.3, 4.4	14	22 Quiz – 4, HW-6 4.5	16	17 Last day to drop with a "W". Enforced.
9	20 4.6, 4.7	21	22 4.8, 4.9	23 Thanksgiving	24 Thanksgiving
10	27 10.1,10.2	28	29 HW-7,8. Review, Test -3	30	26
11 December	4 Whole Review	05	06 Whole Review	07	08
12	11 Blank day, no classes.	12	13 Comprehensive Final Exam. 4:00 to 6:00 pm	14	15

HW/Quiz/Test # ⇒	1	2	3	4	5	6	7	8
Homework assignment Sections/Chapters	Chapter 1	2.1 to 2.5	2.6 to 2.8	3.1 to 3.6	3.8 to 3.10	4.1 to 4.4	4.5 to 4.9	10.1,10.2
Sections to be covered For Quiz	Chapter 1	2.1 to 2.5	3.1 to 3.6	4.1 to 4.4	------------	-------------	------------	
Chapters/sections to be Covered for Test	Chapter 2	Chapter 3	Chapters 4,10	-----------	-----------	-------------	-----------	

Final exam is comprehensive, show your work type, covers all the chapters 1 to 4, and chapter 10.