

CRN 12373, Math 1A-02, Calculus I

Instructor: Bijan Sadeghi

10:00AM-12:15PM, MTWTH, MLC270

Academic Term: Summer 2017

E-mail: sadeghibijan@fhda.edu

Office hours: MTWTh 9:45-10.00 in MLC270

**Textbook:** Calculus: Early Transcendental; 8<sup>th</sup> edition, by James Stewart. Your textbook should include a WebAssign access code. If not, you must purchase one separately.

**Prerequisite:** Math 43 (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year. Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

**Student Learning Outcome:**

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.

**Attendance:** You are expected to attend all class lectures in their entirety. You may be dropped from the class if you are absent two times. Dropping or withdrawal from the class is the students' responsibility. A student discontinues coming to class and does not drop will get an "F" grade.

**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 exams. A class/course grade of "F" will be given for any of the above infractions.

**Homework:** All of the homework will be done online. Once you have your WebAssign access code, go to **www.webassign.net**, log-in and register, and enter the **Class Code: deanza 7607 1821**

**Exams:** Two exams will be given during the quarter. No make-ups. One-half of the

final exam score will be used to replace the lowest score, if greater.

**Final Exam:** A two-hour comprehensive final exam will be given on Thursday, August 10th (10-12). This is a must exam. A grade of "F" will be assigned to those who miss the final exam.

**Grade:**

Homework	200 points	Percentage Grade
Exams (2)	200 points	[95-100] "A+"
Final Exam	200 points	[90-95) "A"
Total	600 points	[88-90) "A-"
		[85-88) "B+"
		[80-85) "B"
		[77-80) "B-"
		[72-77) "C+"
		[65-72) "C"
		[61-65) "D+"
		[57-61) "D"
		[55-57) "D-"
		[0-55) "F"

July	3	2.1 - 2.2	4	5	2.2-2.3	6	2.5-2.6
July	10	2.6-2.7	11	12	2.7-2.8	13	3.1-3.2
July	17	3.3-3.4	18	19	Exam 1	20	3.9-3.10
July	24	3.10,4.1	25	26	4.1-4.2	27	4.3-4.4
July/Aug.	31	4.4-4.5	1	2	Exam 2	3	4.5-4.6
August	7	4.8-4.9	8	9	10.1; Differentiation from 10.2	10	Review FINAL 10:00-12:00