Math 12 – 35Z (CRN 45432)   Business Calculus   Instructor: Bijan Sadeghi

Day: TTh   Spring 2022   email: sadeghibijan@fhda.edu

Time: 6:30 – 8:45 PM   Online   Office hour: TTh 5:40PM – 6:30 pm

Text: Applied Calculus for Managerial, Life, and Social Science; 10th Edition **by Soo T. Tan, 10th edition. Publisher: Cengage Learning; Language: English**.

Your text book should include awebassign access code. If not, you must purchase one separately.

A graphing calculator is recommended (TI-83/84/86).

Overview: Introduction to limits, differentiation and integration of single variable functions; differentiation of multivariable functions: tangent, area, others; various business applications.

Pre-requisite: Math 31, 31H, 41 or 41H

Attendance: Since mathematics is cumulative in nature, attendance at all classes is expected. Students should be aware of appropriate drop dates. It is the student's complete responsibility to drop this class as I will not drop anyone from the class. You are expected to attend all classes. Please inform me by email if you drop the class.

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 key:**

  deanza 2940 8716

Quizzes: a quiz will be assigned and graded on Canvas. No makeup quizzes. Quiz problems are similar to homework problems and lecture examples.

Midterms: There will be two midterms in this course, and both midterms will be assigned and graded on Canvas.

Final exam: A comprehensive final exam (June 23rd) will be assigned and graded on Canvas.

Grading:	Quizzes	100
	Homework	**200**
	Midterms (2)	**200**
	Final Exam	**200**
	Total	**700**

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.

Scale

Grade	Points	Percentage			
A+	665-700	95 – 100	A	630-664	90 – 94
A-	616-629	88 – 89	B+	595-615	85 - 87
B	560-594	80 – 84	B-	546-559	78 - 79
C+	525-545	75 – 77	C	455-524	65 – 74
D+	420-454	60 – 64	D	399-419	57- 59
D-	378-398	54 – 56	F	000 – 377	00 - 53

Important dates: Last day to add/drop classes: For deadlines to drop with a refund and without and with a "W" grade, go to MyPortal > Students Tab > My Courses> View your Class Schedule. Dates are enforced.

Apr. 16: Last day to add classes.

Apr 17: Last day to drop classes for full refund or credit without "W".

May 27: Last day to drop classes with "W".

April	7	2.4 -2.5	12	2.6	14	3.1, 3.2	19		3.3
April	21	3.4, 3.5	26	3.6	28	3.7, 4.1	May 3		4.2
May	5	4.3	**10**	**Exam 1**	12	4.4, 4.5	17		5.4, 5.5
May	19	5.6	24	6.1, 6.2	26	6.3	31		6.4,6.5
June	2	6.6	**7**	**Exam 2**	9	6.7	14		7.1, 7.4
June	16	7.1, 7.4	21		**23 Final 6:15 – 8:45**				

Footnote Information

TI-83 Plus or TI-84 Plus calculator recommended. This is an online class that meets each week on scheduled days and times as noted in the class listing. Students must have access to a computer, the internet and an individual email address. Most De Anza classes will use the Canvas course management system. We recommend a laptop or desktop computer to successfully complete the

course; a tablet or phone may not be adequate for all assignments and tests. Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: https://deanza.instructure.com/courses/3382. The Student Online Resources hub with extensive information and tips can be found at deanza.edu/online-ed/students/remotelearning..

Student Learning Outcome(s):

*Use correct notation and mathematical precision in the evaluation and interpretation of derivatives and integrals.

*Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies.