Math 12 – 48Z (CRN 01278)   Business Calculus   Instructor: Bijan Sadeghi

Day: TTh   Winter 2021   email: sadeghibijan@fhda.edu

Time: 6:30 – 8:45 PM

Office hour: TTh 12:20pm – 1:30pm, zoom: ID on Canvas

Text: Calculus & Its Application, by Bittinger, Ellenbogen, Surgent, 11th edition.

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 11 or Math 41

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: Homework assignments represent the student's opportunity to learn what was taught, by practicing both mechanical skills and problem solving techniques. The student is expected to do- and is responsible for all problems associated with the sections of the text covered each class meeting.

All the homework will be done online. Once you have your Mymathlab access code, go to www.coursecompass.com, log-in and register, and enter Class Code: sadeghi31280

Quizzes: Quizzes will be given in class. No makeup quizzes. Quiz problems are similar to homework problems and lecture examples.

Midterms: Two midterm exams will be given in class.

Final exam: Thursday March 25, 2021

Grading: **Homework**   **200 points**

                  Quizzes   **100   "**

                  Midterms (2) **200   "**

                  Final Exam   **200   "**

                  Total   **700 points**

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	Grade	Points	Percentage
A+	665-700	95 – 100	C+	504-538	75 – 77
A	630-664	90 – 94	C	455-503	65 – 74
A-	616-629	88 – 89	D+	427-454	60 – 64
B+	595-615	85 – 87	D	399-426	57- 59
B	560-594	80 – 84	D-	385-398	54 – 56
B-	539-559	78 - 79	F	000 – 384	0 - 55

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.

Jan. 16   Last day to add classes

Jan. 18   Last day to drop classes for full refund

Jan. 18   Last day to drop classes without a "W"

Feb. 26   Last day to drop classes with "W"

Jan.	5	1.1 – 1.7	7	1.1 – 1.7	12	1.1 – 1.7	14	1.1 – 1.7
Jan.	19	1.8 – 2.7	21	1.8 – 2.7	26	1.8 – 2.7	**28**	**Exam 1**
Feb.	2	3.3 – 4.3	4	3.3 – 4.3	9	3.3 – 4.3	11	3.3 – 4.3
Feb.	16	4.4 – 5.4	18	4.4 – 5.4	23	4.4 – 5.4	25	**Exam 2**
March	2	4.4 – 5.4	4	5.5 – 6.6	9	5.5 – 6.6	11	5.5 – 6.6
March	16	5.5 – 6.6	18	Review	23		25	**Final 6:15 – 8:15**

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.