

Math 12 – 40(CRN 01278) Business Calculus Instructor: Bijan Sadeghi
Day: TTh Winter 2023 email: sadeghibijan@fhda.edu
Time: 6:30 – 8:45 PM Room: MLC 108 Office hour: TTh 12:30 – 1:30 pm

Text: Calculus & Its Application, by Bittinger, Ellenbogen, Surgent, 10th 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.

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 23, 2023

Grading:	Quizzes	100
	Midterms (2)	200
	<u>Final Exam</u>	<u>200</u>
	Total	500

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

<u>Grade</u>	<u>Points</u>	<u>Percentage</u>
A+	475-500	95 – 100
A	450-474	90 – 94
A-	440-449	88 – 89
B+	425-439	85 - 87
B	400-424	80 – 84
B-	390-399	78 - 79
C+	375-389	75 – 77
C	325-374	65 – 74
D+	300-324	60 – 64
D	285-299	57- 59
D-	270-284	54 – 56
F	000 – 269	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.

Jan. 9: Last day to add classes.

Jan. 21: Last day to drop classes for full refund or credit.

March 3: Last day to drop classes with “W”.

Jan.	10	1.1 – 1.7	12	1.1 – 1.7	17	1.1 – 1.7	19	1.1 – 1.7
Jan.	24	1.8 – 2.7	26	1.8 – 2.7	31	1.8 – 2.7	Feb. 2	Review, Exam 1
Feb.	7	3.3 – 4.3	9	3.3 – 4.3	14	3.3 – 4.3	16	3.3 – 4.3
Feb.	21	4.4 – 5.4	23	4.4 – 5.4	28	4.4 – 5.4	Mar. 2	Review , Exam 2
March	7	4.4 – 5.4	9	5.5 – 6.6	14	5.5 – 6.6	16	5.5 – 6.6
March	21	5.5 – 6.6	23	Final Exam				

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.

Office Hours:

T,TH 12:30 PM 01:30 PM In-Person E39