

Math 12 – 23(CRN 40265) Business Calculus Instructor: Bijan Sadeghi
Day: TTh Spring 2019 email: sadeghibijan@fhda.edu
Time: 01:30 pm-03:45 pm Room: S54 Office hour: TTh 12:50 – 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.

Homework will be assigned in class and will be collected three times, each on the review day of each exam (2 points for each collection). No late homework will be accepted. Plan to devote a minimum of 2 hours for class hour.

Quizzes: Three 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: Tuesday June 25th 1:45 – 3:45

Grading:	Homework	60
	Quizzes	100
	Midterms (2)	200
	<u>Final Exam</u>	<u>200</u>
	Total	560

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+	530-560	95 – 100
A	502-529	90 – 94
A-	490 – 501	88 – 89
B+	474 – 489	85 - 87
B	446 – 473	80 – 84
B-	434 - 445	78 - 79
C+	418 – 433	75 – 77
C	362 – 417	65 – 74
D+	334 – 361	60 – 64
D	317 – 333	57- 59
D-	300 – 316	54 – 56
F	000 – 299	00 - 53

Important Dates:

4/20: Last day to add quarter-length classes. 4/21: Last day to drop for a full refund or credit.

4/21: Last day to drop a class with no record or grade. 5/31: Last day to drop with a "W."

April	9	1.1 – 1.7	11	1.1 – 1.7	16	1.1 – 1.7	18	1.1 – 1.7
April	23	1.8 – 2.7	25	1.8 – 2.7	30	1.8 – 2.7	May 2	Review, Exam 1
May	7	3.3 – 4.3	9	3.3 – 4.3	14	3.3 – 4.3	16	3.3 – 4.3
May	21	4.4 – 5.4	23	4.4 – 5.4	28	4.4 – 5.4	30	Review , Exam 2
June	4	4.4 – 5.4	6	5.5 – 6.6	11	5.5 – 6.6	13	5.5 – 6.6
June	18	5.5 – 6.6	20	Review	25	Final		

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.