

Math 12 – 01(CRN 11332) Business Calculus Instructor: Bijan Sadeghi

Day: MTWTh Summer 2016 email: sadeghibijan@fhda.edu

Time: 7:30AM -9:45 Am Room: MCC – 12

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.

Student Learning Outcomes (What math from this course you should be able to do at the end of the quarter)

- 1) Use correct notation and mathematical precision in the evaluation and interpretation of derivative and integrals.
- 2) Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies.

Pre-requisite: Math 11 or Math 41

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.**

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.

Midterms: Three one –class hour midterm exam will be given in class.

Final exam: last class meeting. 360 - 400 → "A" < 239 → "F"

Grading:	Midterms (2)	200	320 - 359 → "B"
	<u>Final</u>	<u>200</u>	280 - 319 → "C"
	Total	400	240 - 279 → "D"

June	27 1.1 – 1.7	28 1.1 – 1.7	29 1.1 – 1.7	30 1.1 – 1.7
July	4 Holliday	5 1.8 – 2.7	6 1.8 – 2.7	7 Review, Exam 1
July	11 3.3 – 4.3	12 3.3 – 4.3	13 3.3 – 4.3	14 3.3 – 4.3
July	18 4.4 – 5.4	19 4.4 – 5.4	20 4.4 – 5.4	21 Review , Exam 2
July	25 4.4 – 5.4	26 5.5 – 6.6	27 5.5 – 6.6	28 5.5 – 6.6
August	1 5.5 – 6.6	2 Review	3 Review	4 Final