

MATH 12-10Y CALCULUS FOR BUSINESS AND SOCIAL SCIENCES SPRING 2023

CRN: 44379 Class hour: 12:30-1:20PM Room: G5

Instructor NADIA BENSIDI Email: bensidinadia@fhda.edu

Office Hours : Tuesdays, 11:30-12:20pm Room E37

Prerequisite: MATH 11, 11H, 31, 31B, 41 or 41H.

Textbook: CALCULUS and its applications, 11th Edition, by Bittinger , (NOT REQUIRED).
You will be able to access the e-book version through MyMathLab (MML)

Related Materials: Graphing calculator, TI 83+ or TI 84+ recommended but not required.

Homework The Homework is mandatory and worth 50 points. The Homework will be available and graded online using MyMathLab (MML). You need to create an account on: mymathlab.com. (make sure to choose student)

THE COURSE ID: **bensidi68670**

Quizzes: There are three quizzes each worth 10 points. Quizzes are similar to Homework problems. The lowest score will be dropped. NO MAKE UP

Activities: There are two in-class group activities. Each worth 10 points

Exams: Three one-hour exams will be given each worth 50 points.

Final Exam: A two-hour comprehensive exam will be given. The final worth 100points. If you miss the Final Exam you will receive an F for the course.

At the end of the quarter, half the final or the lowest exam score (whichever is lower) will be dropped.

Description: Introduction to limits, differentiation, and integration of single variable functions. Differentiation of multivariate functions. Applications in business, economics, and social science.

Attendance: You are expected to attend all classes (Please email me if you are going to be absent. If you accumulate five absences you will be dropped from the class. Please inform me by email if you are going to be absent and the reason for it.. ANYONE WHO DOES NOT COMPLETE THE FIRST ASSIGNMENTS WILL BE DROPED

STRATEGIES FOR SUCCESS

1. Keep up on all work – set aside at least 20 hours per week to work on this course.
2. Read the textbook and take advantage of the other resources in Canvas.
3. Start the homework long before it is due

Free Tutoring: I strongly encourage you to utilize this resource. More information can be found here: <http://www.deanza.edu/studentsuccess/mstrc/>

Disability Support Services: If you need to contact the Disability Support Services, then please contact them as soon as possible. More information can be found here:

<https://www.deanza.edu/dsps/>

Academic Integrity: This is pretty straightforward: Do not cheat on quizzes, exams, or directly copy other student's work. It is not worth getting caught and suffering the consequences. For more information about De Anza College's policy on academic integrity:

https://www.deanza.edu/policies/academic_integrity.html

Student Services: This web site leads you to information about financial aid, child care, counseling, academic support, disability support, student activities, and other services that are here for you. The physical location for most of these services is in the Student Community Services Building. <http://www.deanza.edu/student-services/>

Important dates

Last day to add: APRIL 22

Last day to drop without W: APRIL 23

Last day to drop with W: JUNE 2

Final week: JUNE 26-30

Grading scale

Exams (3@ 50pts)	150 pts.	A+: 96 – 100%	A: 90-95%	A -: 88-89%
Final Exam	100 pts	B+: 85-87%	B: 78-84%	
Homework	50pts	C+: 74-77%	C: 68-73%	
Quizzes (4@ 10pts)	30 pts	D: 60-67%		
Activities (2 @ 10pts)	20pts	F: below 60%		
TOTAL	300 pts			

MATH12-10Y

Tentative Schedule. I may need to make some changes if necessary

Spring 2023

	Monday	Tues	Wed	Thurs	Friday
April	10 1.1	11 1.2	12 1.3	13 1.4	14
	17 1.5/1.6 Quiz1 1.1-1.4	18 1.6/1.7	19 1.8	20 1.8/2.1	21
	24 2.1 Activity1.5-1.8	25 2.2	26 2.3	27 2.4	28
May	1 2.5 Quiz2 2.1- 2.4	2 2.6	3 2.6/3.1	4 3.1	5
	8 <u>Exam1 Ch1,2</u>	9 3.2	10 3.3	11 3.4	12
	15 Activity2 3.1-3.3	16 3.5	17 3.6	18 4.1	19
	22 4.2 Quiz3 3.4-3.6	23 4.3	24 4.5	25 4.7	26
June	29 Memorial day	30 <u>Exam2 Ch3,4</u>	31 5.2	1 5.3	2
	5 5.4	6 5.5 Quiz4 5.1-5.3	7 5.5/5.6	8 5.6	9
	12 5.7	13 6.1	14 6.2	15 6.3	16
	19 Juneteenth, no school	20 6.5	21 <u>Exam3 Ch5,6</u>	22	
	26	27	28 Final Exam 11:30-1:30pm	29	30

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 11:30 AM 12:20 PM In-Person room E37