CALCULUS FOR BUSINESS AND SOCIAL SCIENCES

MATH 12-51Z   CRN: 45171   SPRING 2021

INSTRUCTOR   NADIA BENSIDI

Contact   Email: bensidinadia@fhda.edu or Dropbox on CANVAS

Office Hours : Monday4-5pm via Zoom on Canvas. Zoom id: 972 8528 6095

ASYNCHRONOUS ONLINE LEARNING COURSE ON CANVAS.
                              You need a computer or laptop.
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 100 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: bensidi02225 ,The cost is $69.99

Quizzes: There are six quizzes each worth 20 points. Quizzes are similar to Homework
            problems. The lowest score will be dropped. NO MAKE UP

Exams: Three one-hour exams will be given each worth 100 points.

Final Exam: A two-hour comprehensive exam will be given. The final worth 200points. 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.

Note: Quizzes/Exams are either on MML or on Canvas. They will be posted on the
             Sunday morning and will be due on the following Monday evening with restricted
             time (it means once you open the assignment you need to finish it, because it will
             not let you open it again).

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

Student Commitment:
• This is an online learning class, you should strive to learn the material on your own. I am here to help so please email me or post discussion questions in Canvas if you need assistance. Plan to commit a minimum of 2 hours per week to this course – this is a very fast-moving course!

STRATEGIES FOR SUCCESS
1. Keep up on all work – set aside at least 20 hours per week to work on this course.
2. Ask questions! email me or post discussion questions in Canvas if you need assistance.
3. Read the textbook and take advantage of the other resources in Canvas.
4. Start the homework long before it is due. It is best to submit the homework before attempting the online quizzes.

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/studentservices/

Important dates
Last day to add: 04/17/2021
Last day to drop without W: 04/18/2021
Last day to drop with W: 05/28/2021
Final week: June 21-25, 2021

Grading scale

Exams (3@ 100pts)	300 pts.	A+: 96 – 100%	A: 90-95%	A –: 88-89%
Final Exam	200 pts	B+: 85-87%	B: 78-84%	
Homework	100pts	C+: 74-77%	C: 68-73%	
Quizzes (6@ 20pts)	100 pts	D: 60-67%		
TOTAL	600 pts	F: below 60%		

Math12   Tentative Schedule   Spring 2021

	Monday	Tuesday	Wednesday	Thursday	Friday
April Week1 1.1,1.2,1.3,1.4	5	6	7	8	9
Week 2 1.5,1.6, 1.7, 1.8, 2.1	HW 1 due 12 **Quiz1 due**	13	14	15	16
Week 3 2.2, 2.3, 2.4, 2.5	19 HW 2 due	20	21	22	23
Week 4 2.6,2.7,3.1, 3.2	HW3 Due 26 **Quiz2 due**	27	28	29	30
May Week 5 3.3, 3.4, 3.5, 3.6	HW4 Due 3 **Exam1 due**	4	5	6	7
Week 6 4.1, 4.2,4.3,4.4	HW5 Due 10 **Quiz3 due**	11	12	13	14
Week 7 4.4, 4.5,4.6,4.7	HW6 due 17 **Quiz4 due**	18	19	20	20
Week 8 5.1,5.2,5.3	HW7 Due 24 **Exam2 due**	25	26	27	28
June Week 9 5.4,5.6, 5.7	<mark>Memorial day No School</mark>	HW8 due 1 **Quiz5 due**	2	3	4
Week 10 6.1, 6.2, 6.3	HW 9 due 7 **Quiz6 due**	8	9	10	11
Week 11 6.4, 6.5	14 HW10 due	15	16	17	HW 11 due **Exam3 due**
Week12	21	22 **Final Exam**	23	24	25

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.