Math 12   Introductory Calculus for Business and Social Science   Winter 2024

Instructor: Jyothsna Viswanadha   Email: viswanadhayogeswari@fhda.edu
Class Timings and Location: MTWTh 11:30-12:20 pm in MCC – 12
Office Hours: Tuesday and Thursday 12:30-1:15pm in S76C

Textbook and Calculator: We use a free open-source textbook. This can be downloaded at https://www.opentextbookstore.com/appcalc/appcalc.pdf

If you have a graphing calculator, you may use it in this class.

Attendance: This is a hybrid class. Monday – Thursday we will meet on campus and for Friday you will be assigned asynchronous work. Attendance on the first day is MANDOTORY. If you don't come to class on the first day, then you will be dropped from the class. Students are expected to attend all classes.

Homework: Homework will be assigned and completed through canvas. Pay close attention to due dates and do not wait until last minute to start the assignments. Extensions for the homework can be given if needed. Extensions can't be given on homework assignments that are two weeks old.

Quizzes: There will be 4 quizzes. No make-up is given. Please don't ask or email about make up quiz. Lowest quiz score will be replaced by the average of two highest quiz scores. Note that if your lowest quiz score is the result of cheating or cell phone misuse, that score will not be replaced.

Tests: There will be 3 tests including final. No make-up is given. Please don't ask or email about make up tests. One missed test score or lowest test score will be replaced by the final score if the final score is higher than the test scores. Tests will be given on scheduled dates. Note that if your lowest test score is the result of cheating or cell phone misuse, that score will not be replaced.

Final Exam: A cumulative final exam will be given during the final's week. Final exam time and date are set by the college and can't be changed. If you need to take the final ahead of time under any circumstances, then you need permission from the dean. More information will be given about the final later in the quarter. Final exam is in person.

March 25th Monday from 11:30 pm to 1:30 pm in MCC-12

In Class Worksheets and Extra Credit: All in class guided notes and worksheets are uploaded on to canvas every week. Extra Credit will be assigned during the lecture from in class worksheets. This will be due before the next class start time. There will be no makeups for extra credit. A maximum of 10 points can be earned throughout the quarter. It's the student's responsibility to keep track of the extra credits assigned in class. It's the student's responsibility to print the worksheets and use them in class as needed.

Grading Scale:

Grade	Percentage	Grade	Percentage
A+	At least 98%	B -	80% – 81%
A	92% – 97%	C+	78% – 79%
A -	90% – 91%	C	70% – 77%
B+	88% – 89%	D	60% – 69%
B	82% – 87%	F /FW	Less than 60%

Tips for success in this class:
- Attend class every day and work on the problems that are assigned.
- Attend office hours regularly to get help and ask questions.
- Read the textbook and practice section exercises.
- Work on the assigned homework and classwork.
- Make use of Discussion Boards to communicate and get help from peers.
- Work with your peers and share contact information.
- Frequently go to the tutoring center and office hours to get help as needed.

Student Resources:
- MSTRC (Math, Science and Technology center) is available for free tutoring services. Here's the link for more information: http://deanza.edu/studentsuccess/servicesupdate.html.
- Here is the link to student resources for the student who needed access to laptop.
  https://www.deanza.edu/resources/index.html

Academic Integrity: Learning involves the pursuit of truth, which cannot be pursued by presenting someone else's work as your own. Each student must pursue their academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Any suspected instance of academic dishonesty on any assignment will be reported to the college and may result in a 0 on the assignment and/or a failing grade in the class. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to https://www.deanza.edu/policies/academic_integrity.html.

Accommodations for Students with Learning Differences: If you have questions about these services or your eligibility for support services or eligibility, contact one of the following resources:

- Disability Support Service (DSS): Student Services Building (408) 864-8753, TTY (408) 864-8748
- Educational Diagnostic Center (EDC): Learning Center West 110 (408) 864-8839
- Special Education Division: (408)8648407; www.deanza.edu/specialed

Important Dates:

- Last day to add – 01/20/2024
- Last day to drop W/out "W" – 01/21/2024
- Last day to drop with "W" – 03/01/2024

Disclaimer:

Any of information in this syllabus is subject to change if the instructor finds it necessary. Changes will be announced during a class session and those who are absent will be held responsible for any announced changes to the syllabus.

Thanks for reading this in detail. If you have any questions at all regarding our class, please ask. I'm really looking forward to working together.

	Monday	Tuesday	Wednesday	Thursday	Friday	Week
January	8 REVIEW	9 Sec 2.1	10 Sec 2.1	11 Sec 2.2	12 Sec 2.2	1
	15 Holiday	16 Sec 2.3	17 Sec 2.3	18 Sec 2.4	19 Quiz # 1	2
	22 Sec 2.4	23 Sec 2.5	24 Sec 2.5	25 Sec 2.6	26 Quiz # 2	3
February	29 Sec 2.6	30 Sec 2.7	31 Review	1 Test # 1	2 Sec 2.7	4
	5 Sec 2.8	6 Sec 2.8	7 Sec 2.9	8 Sec 2.9	9 Quiz # 3	5
	12 Sec 2.10	13 Sec 2.10	14 Sec 3.1	15 Sec 3.1	16 Presidents' Holiday - No Classes	6
	19 Presidents' Holiday - No Classes	20 Sec 3.2	21 Sec 3.2	22 Review	23 Sec 3.3	7
March	26 Test # 2	27 Sec 3.3	28 Sec 3.4	29 Sec 3.4	1 Sec 3.5	8
	4 Sec 3.5	5 Sec 3.6	6 Sec 3.6	7 Sec 3.7	8 Quiz # 4	9
	11 Sec 3.7	12 Sec 3.8	13 Sec 3.8	14 Sec 4.1	15 Sec 4.2	10
	18 Sec 4.2	19 Sec 4.3	20 Sec 4.3	21 Review	22 Review	11
	25 FINAL 11:30- 1:30 pm	26	27	28	29	12

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:

M,W	06:30 PM	07:15 PM	In-Person	S76C
M,W	12:30 PM	01:15 PM	In-Person	S76C
T,TH	12:30 PM	01:15 PM	In-Person	S76C