SYLLABUS FOR MATH 1D -- Calculus

nstructor	Mehrdad Khosravi
Office	F 10:30-11:20, Zoom: ID on Canvas
Phone	(408)864-5384
E-mail	khosravimehrdad@fhda.edu
Web Page	nebula2.deanza.edu/~mkhosravi/Sites/index.html
Class Time and Location	MTWRF 12:30-1:20 Online
Course Description	Partial derivatives, multiple integrals, vector calculus.
Course Text	Calculus: Early Transcendental, 9th edition, by James Stewart, published by Thomson Brooks/Cole.
Course SLO	1. Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision. 2. Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem. 3. Synthesize the key concepts of differential, integral and multivariate calculus.
Required Materials	The textbook, a graphing calculator (TI-83 or 84 is preferred if you are buying a new calculator. If you already have a TI-82, 85, or 86, you can use that.)
Course Prerequisites	Mathematics 1C (with a grade of C or better) or equivalent. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.
Method of Instruction	We will have regular Zoom video lectures.
Evaluation Process (point based out of 250pt)	Final grade in this course will be determined as follows:

Homework	50pts
Tests (3)	120pts
Final Exam	60pts
Oral Exam	20pts

Grading scale:

[230,250] :	"A"
[225,229] :	"A-"
[220,224] :	"B+"
[205,219] :	"B"
[200,204] :	"B-"
[195,199] :	"C+"
[175,194] :	"C"
[150,174] :	"D"
Below 150 :	"F"

The top two scores in class that are above 245pts will receive A+. The student is responsible for saving all graded, returned work. There will be no discussion of grade discrepancies unless the student has a graded copy of the work in question. Please also keep a copy of all the work you turn in for your own records.

Tests and Quizzes

There will be Three Zoom proctored tests, each counting as 40pts. **Absolutely no makeup tests**. If you miss a test due to what I consider an emergency and you provide appropriate documentations, I will decide to either replace that test grade with 2/3 of the final grade (final is out of 60 but each test is out of 40) or I will provide you with an opportunity for a make up test. The test can be both in mode and difficultly level different than the one others took. You must inform me of your emergency within 48 hours and provide me with the documentation relevant to your situation. If I don't consider your reasoning as an emergency or if you don't provide me with appropriate documentation in a timely manner,

	you will receive a zero for that test. Regardless, you will get zero for any other missed tests, emergency or not. Final is also a Zoom proctored exam. No makeups for the final can be provided. The final grade cannot be dropped. There will be one or more oral exams totalling to 20 points. I will request and appointment in a particular time window during the quarter. In that appointment I will ask you questions related to any of the homework problems and tests given upto that point. It is to both test your honest performance in the assessment upto that point and your level of understanding. If your oral performance does not match your submitted work, that may lead to a different conversation around honesty in academics.
Homework	In the course schedule I have included a list of suggested homework problems from each sections. You are responsible to do at least all of the suggested problems. You should know how to do ALL of the problems. There is a direct correlation between your level of comfort with the homework problems and your success in this class. Grading: I will assign a few questions daily for you to submit. Each are not worth many points but they add up to 50 points for the quarter. Absolutely no late work is accepted. All the homework is to be submitted through Canvas.
Class Attendance and Faculty Initiated Withdrawal Policy	This is a synchronous class. We meet regularly on Zoom and your attendance is required. A student who discontinues participation in class and does not drop the course will get an F. It is the student's responsibility to drop the course. Participation is very important. Please make sure you join the Zoom meetings and if not (provided I do record that meeting) please watch the recording before the link is deactivated. If a student misses many assessments, they may be dropped. However the ultimate responsibility of dropping the course lies with the student.
Withdrawal Policy	The withdrawal deadline for the quarter is **November 18th , 2022**. If students withdraw before this date, they will receive a "W". After this date, an "F".
Academic Honesty and Discipline Policy	Students are expected to abide by the college code of conduct. All work turned in is to be the student's own. Students giving or receiving help on a test or quiz will forfeit all points for that assignment or may be withdrawn from the course with a grade of "F". For take home assignments, any student turning in a work, which is strikingly similar to that of another student, will be required to schedule a conference to discuss the matter with the instructor, and any evidence of cheating will result in no points for that assignment and will be reported for further action.
Important Dates	Please check the important dates for this quarter. The scheduled final is on the course schedule
Honors Cohort	An Honors cohort is being offered in this section. If you are in the Honors Program you are welcome to participate in the cohort. If you are not in the Honors Program but are eligible for the program, you are also welcome to participate as long as you have not taken an Honors class from De Anza previously. Eligibility requirements can be found at http://www.deanza.edu/honors or you may contact dahonors@deanza.edu with your name, SID, and the Honors course you are interested in taking. The cohort entails additional work and you will earn an Honors designation for this class on your transcript. Once you commit to the Honors portion, you will be expected to complete the extra work. Failure to complete the Honors work will result in a lowering of your Honors course grade. Honor students' grade will be out of 275 points where the extra 25 points is for your Honors project. Hence, if an Honor student chooses not to complete the project, the final grade would be at most 250/275 which is A-.
Expected Student Conduct	A student who is disruptive will be asked to leave the Zoom meeting. and will be dropped from the class and will be reported for further action. During the quarter, if you have any questions about the course policies, you will be first referred to this syllabus. Please make sure you keep a copy. You can find Foothill-De Anza College Code of Conduct at www.deanza.edu/dsps/dish/section2/codes.html
Students with Disabilities	Students with disabilities who qualify for academic accommodations must provide a notification from the Disability Support Services (DSS) and discuss specific needs with the instructor, preferably during the first two weeks of class. Disability Support Services determines accommodations based on appropriate documentation of disabilities. DSS is located in room RSS-141 and their phone number is (408) 864-8753

Disclaimer Statement The information presented in this syllabus may be modified as required by the instructor. Students will be notified of any modifications during normally scheduled classes, and the students are responsible for the changes.

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Student Learning Outcome(s):

*Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
*Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
*Synthesize the key concepts of differential, integral and multivariate calculus.

Office Hours:

Zoom	zoom	F	10:30 AM	11:20 AM