SYLLABUS FOR MATH 2A -- Differential Equations

Instructor	Mehrdad Khosravi
Office	M: 4:00-5:00, F: 11:00 - 12:00 Zoom: ID on Canvas
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Class Time and Location	MTWR 12:30-1:20 S57
Course Description	Ordinary differential equations and selected applications.
Course SLO	Construct and evaluate differential equation models to solve application problems. Classify, solve and analyze differential equation problems by applying appropriate techniques and theory.
Course Text	A First Course in Differentical Equations with Modeling Applications, 11th edition, by Dennis Zill, published by Cengage Learning, 2018, ISBN 978-1-305-96572-0
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 1D with a grade of C or better. Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273
Method of Instruction	In class lectures and online work.
Evaluation Process (point based out of 250pt)	Final grade in this course will be determined as follows:

Homework	60pts
Tests (2)	120pts
Final Exam	70pts

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 two proctored tests, each counting as 60pts. If you miss a test due to what I consider an emergency and you provide appropriate documentations in a timely manner (it is preferred to be within a week of the test), I will either replace that test grade with 6/7 of the final grade (final is out of 70 but each test is out of 60) or I may decide to provide you with an opportunity for a makeup test. The test may be both in mode and difficultly level different from the one originally administered. If your situation is not deemed to be an emergency, or if you don't provide appropriate documentation in a timely manner, you will receive a zero for that test. Regardless, you will get zero for any other missed tests. Final is also a proctored exam. No makeups for the final can be provided. The final grade cannot be dropped.

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 60 points for the quarter. No late work is accepted. All the homework is to be submitted through Canvas unless told otherwise.
Class Attendance and Faculty Initiated Withdrawal Policy	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. However the ultimate responsibility of dropping the course lies with the student.
Withdrawal Policy	The withdrawal deadline for the quarter is November 17th , 2023. 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. 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.
Expected Student Conduct	A student who is disruptive will be asked to leave 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 Student Community Services building, room 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):

- Construct and evaluate differential equation models to solve application problems.
- Classify, solve and analyze differential equation problems by applying appropriate techniques and theory.

Office Hours:

Zoom	F	11:30 AM	12:20 PM