

Instructor:	Hassan. Bourgoub
Course Name:	Differential equations
CRN/Section	38299/04Y
Classroom:	S54
Time:	MTWTH, 9:30Am - 10:20Am. F: TBA
Office Hours	MTWTh 10:30am–11:20am
Office/Phone:	408 864 8806
Email:	Canvas Inbox for any class communication
Text	Textbook: Differential Equations, by David Lay any of the editions 4th, 5th or 6 th .

PREREQUISITES

DeAnza Math 001D with grade of C or better or the equivalent.

Minimum Requirements

Attendance

Perfect attendance is required of every student. You are expected to be in class daily on time and remain through the duration of class. Call every time you miss class. Two consecutive absences **may** constitute dismissal from class. In the event you decide to withdraw from the course, it is your sole responsibility to fill out a drop sheet and submit it to the records office.

Test performance

Satisfactory performance on tests and the final exam are necessary for passing the course.

Homework

One Assignment per section in our textbook will be assigned after the content for the section is discussed in class. The assignments will neither be collected nor graded.

Homework Group Quizzes

For each three assignments from homework there is a corresponding group quiz in class. The questions on each quiz will be selected from the corresponding homework assignment the quiz covers. The questions on these quizzes will be identical in concept but not in answers. ie The same problems on homework with different answers.

Tests

We are going to have three tests and three quizzes. The tests and quizzes are based on content discussed in the classroom and homework. Dates for all tests and quizzes are available on the class's weekly modules. All tests and quizzes will be done online using Canvas testing during regular class time on Fridays.

Final Exam

The final exam will be comprehensive and mandatory and counts for 100 points. The date and time for the final is available on the course schedule.

Distribution of Course Grade

HW Quizzes	50 pts
Tests	150 pts
WebAssign Homework	100 Pts
Final Exam	100 Pts
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Total	400 pts

Materials

The required text mentioned above, a TI84 calculator or the equivalent, loose paper, pencils and a ruler are required course materials.

Academic Integrity

Refer to Schedule of Classes on college policy under subtitle Academic Integrity; in addition, cheating and plagiarism is not tolerated and will be decisively met with grade F for test/assignment, and, or dismissal from class depending on the circumstances.

Grading:

The course grade is based on the fixed scale below. Grades are not given to you; they are earned by your desire and willingness to be consistent, persistent, and hardworking. There are three components to the total grade in this course, in-class tests and Quizzes, homework, and a final exam. The Final letter grade is based on the scale below.

Grade Scale

Letter Grade	Range
A+	98 % and above
A	94 % – 97%
A -	90 % –93%
B +	87% -- 89 %
B	84 % -- 86 %
B-	80 % -- 83 %
C+	72 % -- 79 %
C	65 % -- 71 %
D	50 % -- 64 %
F	below 50 %

Good Luck

Student Learning Outcome(s):

*Construct and evaluate linear systems/models to solve application problems.

*Solve problems by deciding upon and applying appropriate algorithms/concepts from linear algebra.

*Apply theoretical principles of linear algebra to define properties of linear transformations, matrices and vector spaces.

Office Hours:

M,T,W,TH 10:30 AM 11:20 AM In-Person S47A