Syllabus – Math 2A

Instructor: Dr. Yashar Zaheriani
Email: zaherianiyashar@fhda.edu
Office Hours: Friday, 9:00 –10:00 AM (via Zoom) – or by appointment
Class Schedule: M/W/T/TH , 10:00AM – 12:15 pm
Textbook: A First Course in Differential Equations with Modeling Applications

– your textbook for this class is available for free online https://faculty.ksu.edu.sa/sites/default/files/a_first_course_in_differential_equations_with_modeling_applications_10e_2012_zill.pdf

Graphing Calculator: TI-83/TI-83+/TI-84/TI-84+

Pre-requisites
1D with a grade of C or better.

Course Description
Ordinary differential equations and selected applications.

Attendance and participation
Attendance is expected at all sessions. Students are responsible for catching up on missed material. Participation is essential, both in class and through group collaboration.

Course Policies
1. No late work accepted under any circumstances
2. No make-up quizzes or exams
3. All submissions must be in PDF format via Canvas
4. Students are responsible for keeping up with class progress and practice
5. Instructor reserves the right to update the syllabus (announcements via Canvas)
6. Grades are not discussed via email (schedule Zoom meetings instead). Class is synchronous; lectures are not recorded
8. Students must arrange study groups and review missed materials themselves
9. All questions are welcome – office hours are for your success
10. Students must keep track of academic calendar dates

Tips for Success
- Learn concepts, don't just memorize formulas
- Read problems carefully, strategize before solving
- Don't fear mistakes persistence is key
- Spend at least 2 hours of study per lecture hour outside of class

Academic Integrity
Cheating or plagiarism results in a failing grade and will be reported. Minimum penalty: zero on assignment/exam.

Refer to: http://www.deanza.edu/studenthandbook/academic-integrity.html

Grading

Homework: 20%
Attendance: 5%
Quiz 1: 5%
Quiz 2: 5%
Quiz 3: 5%
Mid.:30%
Final Exam: 30%

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.

Disability Support Services (DSS)

De Anza College supports students with disabilities and provides reasonable accommodations. Contact DSS (RSS Building, Suite 141 | 408-864-8753 | DSS@deanza.edu). Website: https://www.deanza.edu/dsps/

Additional Student Support

- Student Success Programs: http://deanza.edu/studentsuccess/
- Financial Aid Info: http://www.deanza.edu/<inancialaid/
- Installment Payment Plans: http://deanza.edu/cashier/installment_plan.html
- Scholarships: http://deanza.edu/<inancialaid/types/scholarships.html

For detailed information on Homework, Quizzes, Projects, Discussion please log into your Canvas course page.

Important Notes:

There will be regular online homework, quizzes. You will have a limited amount of time to complete the quizzes, homework, and discussions. Any late submissions are penalized at a rate of 10% per day. No makeup quizzes will be given, even if the absence is excused. If you miss an quiz, you will receive a 0% on it.

Dropping Students will not be automatically dropped for non-attendance. Although I do reserve the right to drop students for non-attendance, it is the student's responsibility to officially drop or withdraw from the course – if you fail to do so and your name appears on the final roster, you will receive an F for the term. Do not assume that I will drop you if you stop coming to class.

Student Honesty Policy:

"Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action which may include recommendation for dismissal."

Recipe for Success:

- If you ever have any questions, Email me! You are welcome to send email to me whenever you need help!
- Visit the Tutoring Center.
- Form an study group.
- Watch all lectures, participate in every discussion, and complete every homework assignment.
- Read the sections to be discussed in class prior to the lecture

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 M,T,W,TH 10:00 AM - 12:15 PM