Hello Everyone!

Welcome to Fall quarter and to the preparatory physics class (PHYS D050, CRN: 02085, section: 02Z, MTWTh 10:30 AM to 11:20 AM).
The recommended requirement courses for our class are Math43 (Algebra and trigonometry) and Phys10.
I would cover chapter 1 to 6 (hopefully 7, (each chapter (100/7) %)) of a college level classical mechanics' book. The free online version is here: https://openstax.org/details/college-physics
The course outline is here:
https://www.deanza.edu/catalog/courses/outline.html?cid=PHYS50

I am a condensed matter experimental physicist, and I would like to use hands-on experiments and team work to facilitate learning. I hope it will be a fun physics class for you. We use simulation as well like the following website link:
PhET: Free online physics, chemistry, biology, earth science and math simulations (colorado.edu)

I would really appreciate your input. I would like to know your ideas and experiences on physics and math, your goals, and expectations from this class.
This is an online class that you can access on canvas using your CWID and password.
I need to know your condition to be in an online class.
The zoom link to join our class is on canvas calendar. Our class will start at 10:30 AM and will finish by 11:20 AM.

Your participation in class and on canvas discussions are very valuable and has positive effect on your grade. Asking questions and answering questions in class and on canvas are very important.

Physics simulation link:

PhET: Free online physics, chemistry, biology, earth science and math simulations (colorado.edu)

Shirin Jamali

Email me for any question or set up an appointment for meeting (**jamalishirin@fhda.edu**)

Academic integrity:

https://www.deanza.edu/policies/academic_integrity.html

Note: This is the interactive syllabus, your inputs are very important to tune the syllabus.

At the end of each class, you need to write what you have learned, your questions and discuss your ideas on canvas with your classmate

Class Structure:

Design and perform experiments to find out the rules that governs the experiment.

You will design and perform your own experiments using guidance from books. Discussion with your peers and me will make this task easy and fun.

Your notes may contain videos, pictures, text, and voices to explain the experiment.

You may use other materials with reference in your note to explain the concepts of the rules you are referring in your experiment.

It would be the best to write your questions as it arises in your notes.

Your notes contain few problems that are related to the concept and your experiment with your answers. You will present your work at the end of each chapter.

At the end of this class, you will have a book with your name that contains all your notes and presentations.

Write your thought process for each problem even if it is not correct, as the class proceed you can add correct answer to the note as you understand it.

Assignments/ Exam for each Chapter:

1- Class participation- Activity

2- Note taking of main concepts

3- Problem solving

4- Presentation (oral exam)

All the assignments are in discussion sections, and you will discuss all parts with your classmates

Grading:

Assignments/Exam parts for each chapter plus final exam would be the percentage grade for your final grade.

A+: for extraordinary achievement A: 93% - 100% A-: 90-92%
B+: 88-89% B: 83-87% B-: 80-82%
C+: 78-79% C: 73-77% C-: 70-72%
D: 60-69% F: < 60%

Important dates:

Final Exam: December 15, 2022, **Thursday from 9:15 AM to 11:15 AM**

Last Day for Adds: October 08, 2022

Last Day for Drops w/ Refund: October 09, 2022

Last Day for Drops w/o W: October 09, 2022

Last Day for Drops: November 18, 2022

Guide to Fall Quarter:

https://www.deanza.edu/quarter-guide/

Discover Your Village:

https://deanza.edu/villages/

Services:

https://deanza.edu/services/

De Anza college is committed to providing a safe and positive learning environment and has established a zero-tolerance policy for any sexual/gender-based misconduct, including, but not limited to sexual harassment, assault, dating violence, stalking for all faculty, staff, and students. Physical location is in the Library building, Learning Center #138, with a separate entrance located on the south side facing the S Quad. You can also connect to us via our webpage, https://www.deanza.edu/pride/, or email us at denanzapride@deanza.edu. We are happy to take referrals if you have students who would benefit from our support services, such as:

- LGBTQ+ focused workshops and events
- Support with true/preferred name change requests

- Access to free sexual health and personal hygiene resources
- Safe place to study and be in community
- Connections to LGBTQ+ community-based partners

Class Safety During COVID

To facilitate safe and comfortable in-person learning environments: 1. Students are required to be fully vaccinated and boosted to physically access the classroom or class-related experiences on- or off-campus, unless approved for a legitimate exemption.

Student Learning Outcome(s):

*Critically examine new, previously un-encountered problems, analyzing and evaluating their constituent parts, to construct and explain a logical solution utilizing, and based upon, the fundamental laws of mechanics.

Office Hours:

Zoom	T,TH	11:30 AM	12:30 PM