**Physics 50**
**Preparatory Physics**
Spring 2020

Section 62: Lecture T, Th 5:30pm – 7:20pm
Online through Canvas, ConferZoom

Instructor:

Kasra Khazeni

Office:

Online

Contact:

email: khazenikasra@fhda.edu

Office Hours:

Section 62: 7:20-7:50 pm T, TH

Text:

Physics, 4th edition, Vol. 1, by James S. Walker

Objective:

The purpose of this course is to introduce the concepts of Classical Mechanics. This course has a prerequisite of Math 43 with a "C" grade or better. This course develops the basic equations of motion in one and two dimensions based on Newton's Laws of Motion.

You can use either your cell phone, iPad, or computer for online instructions. You will require a SIMPLE calculator with scientific notation for exams and quizzes. Exams and quizzes will be online through ConferZoom with webcams on showing clearly the desk and you working on the exam/quiz while I will be seeing everyone simultaneously on my computer.

Quizzes:

There will be at least one quiz every week. No makeup quizzes will be permitted, instead, your lowest quiz grade will be dropped at the time course grades are being determined.

Cheating Policy:

Cheating on a quiz, exam, or the final, will result in an automatic "F" on that test, with two incidents of cheating resulting in an automatic "F" in the class.

Homework:

Suggested problems from the book will be assigned at the end of each chapter, which will not be required to be turned in, but it is strongly suggested that you work them out and become

comfortable with recognizing the type of problem it represents and its solution. Working out the HW problems is one of the best ways to be prepared for the weekly quizzes and the final exam. Please feel free to come and see me to discuss homework problems if you have any questions.

Grading:

Final grade:

88% - 100% = A
76% - 88% = B
64% - 76% = C
50% - 64% = D
<50% = F

Breakdown of the final grade:

Quizzes = 70% 1/2 hour, 1 or 2 problems, one quiz every Week
Exams = 15%
Final = 15%

There are no make-up exams, quizzes, or the final.
The date of the exams and the final will be announced later.

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.