San Diego Unified School District Rev. 6/18
Mt Everest Academy

Subsidiary Course Agreement / Semester Syllabus

Course: AP Physics 1 A, B **Number: 6349, 6350**

Subject Teacher: Norm Negus **nnegus@cox.net**

Student:_____ Grade:_____

Description of this Course: This course of two semesters of algebra-based physics for high school students is designed to be equivalent to a strong 1-semester college physics course. At least two hands-on labs are expected every month. Strong effort to practice for the AP Physics Exam May 7, 2019, (in the third week of Month 9) **is imperative**.
Directions: Submit written work to your supervising teacher each month on or before the monthly due date, addressing the chapters' assigned work given on the cover sheet. Due dates are listed on the Cover Sheets. Be sure that all papers are clearly labeled (Name, Date, Chapter/page numbers).

Semester 1			
Month	**Text Chapters**	**Monthly Content**	**Stand-ards**
1	1, 2	Introduction, Math Concepts Kinematics in One Dimension	
2	3, 4	Kinematics in Two Dimensions Force and Newton's Laws of Motion	
3	5, 6	Dynamics of Uniform Circular Motion Work and Energy	
4	7	Impulse and Momentum	
5	8, 9	Rotational Kinematics and Dynamics	
Semester 2			
Month	Text Chapters	Monthly Content	Stand-ards
6	10, 16	Simple Harmonic Motion, Waves + Sound	
7	17, 18	Linear Superposition and Interference Electric Forces and Electric Fields	
8	19, 20	Electric Potential Energy and Electric Potential, Electric Circuits	
9	11	Fluid Statics and Fluid Dynamics	
10	Openstax 34	Frontiers of Physics	

Objectives and Methods of Study:
1. Do the required monthly work. Then turn in the monthly packets to your Supervising Teacher first, with the Cover Sheet on top and the work placed in the order shown on the cover sheet stapled to it.
2. Get the monthly work to your teacher in the manner explained on the 1st day of class.
3. Laboratory activities: labs are assigned at the beginning of each month.
4. Take the monthly test:
   a. Complete the monthly test on time, within the scheduled monthly testing window.
   b. Advance notice of at least a day or two must be given if you are unable to take the test in the scheduled testing time and want to take it on a different day. Get permission by email from your teacher for any alterations in test taking conditions.

Resources:
Text: Physics, Cutnell and Johnson, 6th Edition, Wiley Press, 2004
Supplemental Text – AP Physics 1, OpenStax.org, Free Online, Rice University, 2017
Mt. Everest Academy Multimedia lab
Mt. Everest Academy Library
Weekly study group
Monthly study packets/study guide

Due Dates:
See page one of the master agreement, cover sheets, and MEA Website and Calendar.

An Independent Science Project is due at the end of the first semester.
An Independent Invention and 2 Helpful Hacks are due at the end of the second semester.

Evaluation criteria and methods:
Work submitted after the due date cannot earn full credit unless extension by email is granted by the teacher. Academic grades will be based on the quality of work submitted on time, according to directions, rubrics, and expectations above.

"A" grade = Consistently superior work quality.
"B" grade = Above average work quality.
"C" grade = Satisfactory or average work quality.
"D" grade = Below average quality or quantity of work.
"F" grade = Failure, credit not granted.
"I" grade = Incomplete course work. Six weeks allowed for make-up.
"NC" = No credit.

Supervising teacher:_____ Date _____

Subject teacher: _____ Date _____

ESLRS (Expected School-wide Learning Results):
Communicate effectively through reading, writing, listening and speaking.
Think and solve problems independently and critically.
Demonstrate the confidence, resilience, and self-esteem to succeed in life.
Use resources, including technology, to locate needed information.
Demonstrate good citizenship and personal integrity.