

Subsidiary Course Agreement / Semester Syllabus

Course: Physics 1,2 Regular

Number: 6311 - 6312

Subject Teacher: Norm Negus

Ph: 760-445-0052

Student: _____

Grade: _____

Description of Semester Course: This course of two semesters of algebra based physics is designed to provide an introductory experience of understanding physics conceptually, remembering vocabulary, and solving word problems using physics based formulas and SI units. Hands-on laboratory exercises also enrich understanding.

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 emailed to each parent and/or student each month. Be sure that all papers are clearly labeled (Name, Date, Chapter/page numbers).

Semester 1			
Month	Text Chapters	Monthly Content	Standards
1	1, 2, 3, 17	Nature of Science and Motion +	
2	4, 5, 6, 18	Newton's Laws +	
3	7, 8, 9, 19	Momentum, Energy, Circular Motion +	
4	10,11,12, 20	Center of Gravity, Rotation, Gravitation +	
5	13, 14, 21, 22	Gravitational Interaction, Satellite Motion	
Semester 2			
Month	Text Chapters	Monthly Content	Standards
6	23, 24, 25, 26	Vibrations and Waves, Sound +	
7	27, 28, 29, 30	Color, Reflection & Refraction +	
8	32, 33, 34, 35	Electrostatics, Electric Fields, Current +	
9	36, 37, 38, 39	Magnetism, Electromagnetic Induction +	
10	40, 15, 16, 31	Nuclear Fission and Fusion , Relativity +	

Objectives and Methods of Study:

1. Do the required monthly work in a timely fashion.
2. First turn in the monthly packets to your Supervising Teacher (cover sheet on top stapled to the work that is organized according to the directions on the cover sheet).
3. Then get it to the teacher according the directions given in class the first day.
4. Laboratory activities: labs are assigned at the beginning of each month.
5. Take the monthly tests:
 - a) Complete the monthly tests on time and 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 at the scheduled testing time, and you want to take it on a different day, only on the email approval of the teacher.

Resources:

Text: Conceptual Physics – Hewitt, Prentice Hall
Mt. Everest Academy multimedia lab
Mt. Everest Academy library
Weekly study group
Monthly study packets/study guide

Due Dates:

See page one of master agreement, cover sheets, and MEA website and calendar.

An Independent Science Project is due at the end of the first semester.

An Invention and Helpful Hack is due at the end of the second semester.

Evaluation criteria and methods:

Academic grades will be based on the quality of work submitted on time, according to directions, rubrics, and expectations above. Work submitted after the agreed upon due dates may incur a reduction in credit.

“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.