

WILLIAM S. HARVIE

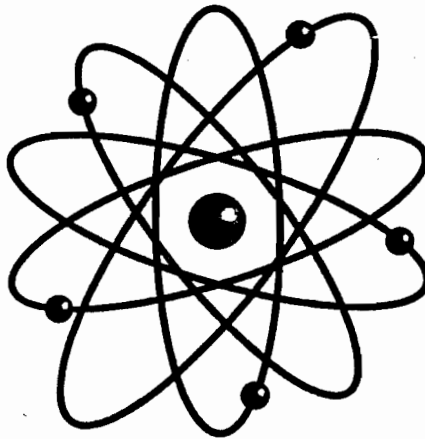
FALCON PHYSICS IS

RADIOACTIVE



HONORS PHYSICS PROBLEMS

**SETTING A NEW
STANDARD FOR EXCELLENCE.**



TORREY PINES HIGH SCHOOL



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TORREY PINES HIGH SCHOOL



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Torrey Pines High School AP Physics B

Mr. Harvie

Room 25

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no e-mail

1. The grades in Physics will be based upon two types of assignments:
 - a) Chapter tests. (worth between 100 and 200 points)
 - b) Engineering reports. (worth 100 points per quarter)
 2. All points count equally. At the end of the grading period, each student's points will be summed. Grades:

A	100 - 90 %	
B	89 - 80 %	
C	79 - 70 %	all total percents are rounded down
D	69 - 60 %	
F		No extra credit.
 3. Tests, which will always be announced in advanced, will cover approximately two weeks of material. The items on the tests will either be questions from the lecture notes or problems similar to those on the work sheets.
 4. It is essential that tests be taken on the announced date. Otherwise, students get irretrievably behind in the schedule. First, they are still studying material from the previous chapter. Second, after the exam, Mr. Harvie will begin instruction on the subsequent chapter. Make-up tests will be extremely challenging. Make-up tests are scheduled by individual appointment. Make-up exams not taken in a timely fashion are counted as zero.
 5. Engineering reports, which must be stapled in the proper order, will be collected in the appropriate box at the back of the room. Sufficient time and teacher guidance will be given to complete most engineering reports in class. Students may take the reports home if they need more time to finish them. Students may then turn in the completed assignment the next class period.
 6. I suggest that your Physics notebook be divided into the following section:

a) Mathematics	g) Momentum	m) Optics
b) Kinematics	h) Work, Energy, Power	n) Relativity
c) Dynamics	i) Rotations	o) Quantum physics
d) Statics	j) Harmonic motion	p) Thermodynamics and States of matter
e) Circular motion	k) Electromagnetism	
f) Gravitation	l) Waves	
 7. Necessary Tools:
 - a) Pencils. All work will be done in pencil.
 - b) Calculator with trigonometric functions; that is, with sines, cosines and tangent functions.
 8. Lecture notes will be written on the board after school by Mr. Harvie. Students may purchase a copy of these lecture notes, entitled Honors Physics, at Clone Duplicating in Del Mar.
 9. Problem books will be on each lab bench for use during class or after school. Personal copies of these problem books, entitled Honors Physics problems, may be purchased from Clones.
 10. Class Rules:
 - a) Be in class everyday. Be on time. The material is challenging. The pace of the class is torrid. The students must be in class.
 - b) No picnics. Please leave your work area clean.
 - c) Please do not leave your seat near the end of the period and crowd by the door near the end of the period.
 - d) Please refrain from discussing the specific questions on an exam with those students who have not yet taken the exam.
- Physicists to your mark. Get set. Go!

HONORS PHYSICS PROBLEMS

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