

Course Title	Physics Honors
Instructor	Mr. Odineal
Email	dodineal@sequatchie.k12.tn.us
Phone Number	(423) 815-9339
Room Number	44

Course Description

In Physics, some of the topics we will cover will be Motion, Forces, Energy, Work and more. This class is Math heavy as we discover the universe using its own language.

Required Materials

- Large Notebook (we will take copious amounts of notes)
- Textbook
- Pencils
- Calculator (I have a classroom set, however the homework is easier when you have your own Scientific calculator ex. TI-30XA)

Grades & Scoring

1st Nine Weeks
Tests: 45%
Projects: 18%
Homework: 13.5%
Daily Work: 13.5%
Midterm: 10%

2nd Nine Weeks
Tests: 50%
Projects: 20%
Homework: 15%
Daily Work: 15%

Parent Communication

I communicate most often via email. You should get one from me every two tests or so, just to let you know how your student is doing. I also will email you if there is an issue with your student. If you don't have an email in the system, or I can't reach you via email, I tend to call. You can email me, call me, text me or come by the school for an in person conference. All of my contact information is up at the top of this page.

Test & Exams

There will be one major exam per quarter covering everything learned from the beginning of the course to that point in time. Exams are scheduled during the school wide exam period. Makeup exams will be given with an excused absence and will be handled on a case by case basis. If the exam is not made up in a timely manner, the student will receive a 0 for that test. No student will be allowed to take an exam early. The Final exam for this course will be the TNReady test at the end of the semester.

There will be Test on every module of the syllabus. Test will be announced. All tests are worth 100 points. Tests will be timed depending on its length. All Test are curved via one of two methods. Either using the formula:

$$N = 80 + (R - \mu) \cdot \frac{10}{\sigma}$$

where R is your Raw Score, μ is the class average, σ is the class standard deviation. If the class average is below 50 or the standard deviation is above 22, the following formula will be used:

$$N = R + (99 - H)$$

where R is your Raw Score and H is the highest score in the class. The curve will never make your grade lower than your raw score. Makeup Tests will be given with an excused absence and will be handled on a case by case basis. This normally means the student will have to come after school to makeup the Test on a day they schedule. (See Tutoring) If the test is not made up in a timely manner, the student will receive a 0 for that Test. No student will be allowed to take a Test early.

Papers & Projects

Projects are designed to help build Problem Solving Skills and Critical Thinking. There will be one project every 9 weeks as time allows. At the time the assignment is distributed, the size of the group applicable to the project will be announced. Very little class time (if any) will be devoted to projects. Students are expected to work on them on their own time. Each project will require a written essay for credit. Without an essay, the student will receive a 0 for the project grade. If the completed project isn't brought to the classroom on the due date, the student will receive no credit.

Homework & Quizzes

The purpose of the homework is to provide opportunities to practice the material. Homework will be collected online. It would behoove you to do it as there will be homework quizzes over the material. These quizzes will consist of one homework question at random with a short, but adequate amount of time to complete them. Homework Quizzes will not be announced.

Tutoring

I offer tutoring throughout the week for my Students. Tutoring can be held from 3:05-4:05 on T,W,R. It is the student's responsibility to alert me that they wish to come for tutoring and schedule a tutoring session.

Classroom Rules

1. No food or drink in the classroom (sans water).
 - a. Any food or drink eaten in the classroom will be thrown away.

2. No cellphones are to be used in the classroom.
 - a. Cellphones are to be put in the calculator holders in your calculator number.
 - b. Any cellphone used in class will be sent to the office (this includes smart watches).
 - c. If a student uses a second cell phone in class after turning one in, both will be sent to the office.
3. No Cursing
 - a. A student will be warned the first time they curse in class if it seems like an accident. (Teacher's Discretion)
 - b. Student will be sent to Time Out after subsequent times.
4. No Violence
 - a. Consequences per The Student Handbook.
5. No rolling around the room in the rolling chairs
 - a. The chairs have wheels to assist in their movement not yours. If a student rolls around the room too much, they will lose chair privileges.

Areas of Study

Unit 1	Units and Kinematics
Unit 2	Vectors and Projectile Motion

Unit 3	Dynamics
Unit 4	Work and Energy
Unit 5	Impulse and Momentum

Unit 6	Angular Motion and Torque
Unit 7	Gravitation
Unit 8	Thermo-Dynamics

Please Sign to signify that you have read the syllabus and Turn In this portion to the Teacher

Student Signature

Parent Signature