

### COURSE DESCRIPTION

Physics is a college preparatory course of study of the physical world: energy, matter, and how they are related. It will provide foundational knowledge in this area for students that will pursue careers in science, engineering, computer science, medicine, business, etc. The base of knowledge acquired in this course will be valuable in understanding the workings of our physical world. Math is known as the language of physics and will be used extensively in the course. *Honors students will be required to complete additional independent projects, as well as added exam questions.*

### BIBLICAL/CHRISTIAN PERSPECTIVE

God's creation is precise, magnificent, and orderly. Physics is presented as a method to understand and appreciate His amazing works. Biblical principles regarding our stewardship over the gifts in which God has entrusted us are also emphasized.

COURSE TEXTBOOK - Physics Principles and Problems. Glencoe Publishing.

### SUPPLIES NEEDED

- **COMPOSTION NOTEBOOK** used for Physics note keeping only (*no spirals*).
- Calculator (TI 30 XII)
- All high school students are required to have an approved electronic device in class each day. Cell phones and e-readers are not acceptable devices.

STUDENT EVALUATION - Evaluation during the quarter will involve class-work, assignments, projects, quizzes, and tests. \* Any test or quiz missed due to an excused absence will be administered during class on the day that the student returns. If consecutive days are missed prior to a test, other arrangements may be made.

\*Assignments are evaluated on completeness, orderliness, correct procedure shown, as well as the actual correct answers. Assignments are graded using a 100-point scale. Doing all homework problems as they are assigned is crucial to your success in this class. All homework assignments are due at the beginning of the period. No HW will be accepted after this time except for absences. Late projects will be graded according to the SFCA handbook policy.

\*The quarter grade is determined by combining 50% from test average, 30% from quizzes/labs and notebook average, and 20% from assignment/class-work average and participation.

\*Students who will be a part of SFCA's Blended Learning program will have videos and/or recordings and assignments posted in Canvas by 8 AM the day following instruction. Any work assigned for that day will be due by midnight. Work turned in after midnight will be considered late and receive point deductions.

## CLASSROOM EXPECTATIONS

- It is expected that every student will conduct himself in an orderly, courteous manner at all times with prompt and respectful obedience to all school personnel, following all adult direction without comment. If a student questions a teacher's decision, he/she should speak to the teacher privately after class. At that time, he/she should respectfully explain the situation and wait for the teacher's response.
- It is expected that every student will respect the feelings and rights of others. This includes students, teachers and visitors.
- It is expected that every student will conduct himself in an honest manner, avoiding such actions as lying, stealing and cheating.
- It is expected that every student will be on time to each class and be prepared with a proper mental attitude and all their necessary materials, books and assigned work.
- It is expected that every student understands that the teacher's desk, computer, and other personal belongings and work area is personal property and will be treated as such.

Minor disruptions by students will be dealt with following the secondary 4-step discipline plan.

- First time– warning (can be individual or for the entire class if there is a delayed response to a call to order of the class)
- Second time– accountability requirement (i.e. after-class teacher conference, extra work and recorded in FACTS)
- Third time– school detention will be assigned
- Fourth time – immediate referral to the office

EXTRA HELP – Help classes will be after school on Wednesdays until 3:30.

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This syllabus contains important information specific to this course. It is important for parent and student to read and discuss the information. We urge you to actively use your FACTS account online as a resource. After reading the syllabus, please sign and **UPLOAD A COPY OR PICTURE TO DESIGNATED CANVAS SPOT.**

**Sign and Return by Monday, August 17<sup>th</sup>.**

Student name (PRINT) \_\_\_\_\_

I have read the course syllabus for Physics class.

I will review Progress Reports with my child on the dates of issue.

(Parent signature) \_\_\_\_\_

Thank you. I look forward to a wonderful year!

Mrs. Curtis

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