## Physics

## CP (50)

## COURSE SYLLABUS

## Second SEMESTER

### Mr. O’Donnell



Room B227

[dodonnell@sharylandisd.org](mailto:dodonnell@sharylandisd.org)

Phone: 271-1600 x4159 Conference: 8:00-9:30

Tutoring: every morning 7:00-7:45 and after school by appointment

**Course Description**: This is a 1st year general physics course and will include the topics of kinematics, force & motion, energy, momentum, heat, thermodynamics, light, sound, electricity, magnetism, electromagnetism, and modern physics concepts.

**Course Information**: The course is an algebra-based physics and use of math is required. The student must have pencils or pens, a scientific calculator, (a TI-30 is more than adequate), and 5 subject notebook. Occasionally, the teacher will provide all lab elements; therefore, not all labs will be formally written up.

**Course Outline**: Instructional days will include checking/reviewing assignments, quizzes, lecture/explanation, lab activities, writing assignments and individual practice/questions/feedback.

**Textbook and Resources**: Houghton Physics book (Serway & Faughn). Teacher-made, text book class set and National Math and Science Initiative (NMSI) Labs, science/technology-based videos and documentaries, internet, scientific periodicals, newspapers, and other relevant media. Students will receive codes for ebook text access and online resources.

**Instructional Procedures and Support:** I am available for tutoring before school on a walk-in basis and by appointment after school. It is the student’s responsibility to ask for help when needed and for making the required transportation arrangements. Retesting and late work submission is in accordance with SISD High School Grading Policies.

**Classroom Management Procedures**: Students are prepared to work when the bell rings. Work areas are neat and class materials out and ready for use. Backpacks and bags will be placed away from traffic and work areas. District and Campus policy will be enforced!

**Assessment Plan/Grading System**:

Major assignments 60% and minor assignments 40% of the cycle grade.