

Physics 30S

Collège Sturgeon Heights Collegiate

Mr. D. Libby

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Description

Physics 30S is a one semester course that introduces students to Physics. Students will cultivate their understanding of kinematics, dynamics, gravitation, electric and magnetic fields, and waves.

Course Web Site

All the notes and assignments for the course can be found at the course website: www.libbyteach.net. The website also has links to videos and other sources of information that may assist students.

Laboratory Work

A portion of instructional time will be spent in hands-on laboratory work that provide students with opportunities to demonstrate fundamental scientific principles and apply science practices. Students will have opportunities to make predictions, collect and analyze data, develop explanations, and communicate about their work.

Tests and Quizzes

There will be a test at the end of each unit consisting of multiple choice and free response questions. These tests are weighted heavily and will form the bulk of your grade. There will be NO rewrites. Test dates will be set in class at least 5 days in advance.

All tests must be completed to receive credit in the course. If a student is away on the day of a test, arrangements must be made to complete the test as soon as possible.

Online quizzes, accessible through the course website, will be available to help prepare for each test. Each quiz can be attempted up to 5 times and the highest score will be included in the final grade. Quizzes that are not completed will receive a score of zero. All quizzes should be completed by the end of the course.

Exam

There will be a school-based exam at the end of the semester.

The exam must be completed to receive credit in the course. If a student is away on the day of the exam, arrangements must be made to complete it as soon as possible.

Assignments

Assignments will consist of worksheets given throughout the course. While not all these assignments will be counted as parts of the final grade, students are encouraged to complete these in a timely manner to be prepared for the tests. If you do not finish assignments in class, you should be prepared to finish them at home.

Graded assignments will have a clear due date indicated. Assignments not completed by that due date may be subject to a 10% late penalty. Assignments can be handed in until the end of the unit in which they were assigned. (The end of a unit is the day before the unit test.)

Any assignments not completed by the end of the unit may no longer be accepted and may receive a grade of zero.

Cheating

Students caught cheating will receive a grade of zero for that assessment.

Evaluation

Tests	60%
Quizzes	10%
Assignments	10%
Laboratory/Hands-on Activities	10%
Final Examination	10%

Grades

Grades are posted on PowerSchool (ps.sjsd.net) usually within 2 days of assignment due dates. Regularly checking PowerSchool is the best way to keep track of progress in the course.

Extra Help

The teacher is always ready and willing to help during class time. If help is needed, just ask.

Extra help is available every morning at 08:00 and at lunch. Other times during the day may also be available subject to prior arrangement. It is the student's responsibility to seek help when needed!

Topics

- Unit 1: Kinematics
- Unit 2: Dynamics
- Unit 3: Gravitation
- Unit 4: E&M Fields
- Unit 5: General Properties and Principles of Waves
- Unit 6: Sound Waves
- Unit 7: Light

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Dear Parent and/or Guardian,

Please complete the following form to indicate that you have read and understood the information contained in the course outline for Physics 40S. Once you have signed it, please detach this page from the course outline and return it.

Student Name (Print)

Parent Name (Print)

Student Email

Parent Email

Student Signature

Parent Signature