

AP PHYSICS

Requirement code: **Science or Elective**

Course code: SPH350 (CHS-APPHYS&114-116)

Grade Level: 11,12

Prerequisites: Pre-Calculus, which may be taken concurrently

Length: Year long (1.0 credit)

Homework: 1-3 hours per week

Fee: \$20

Designators: NCAA, CHS

Description: AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound.