



**UNIVERSITY OF
MARYLAND
EQUIVALENT:**

**Score of 4 or 5 =
4 credits
WORTH \$1,440**

RHS Enrollment Guide

AP PHYSICS I

To foster this deeper level of learning, the AP Physics 1 course defines concepts, science practices, and understandings required by representative colleges and universities for granting college credit and placement.

Students will practice reasoning skills used by physicists by discussing and debating, with peers, the physical phenomena investigated in class, as well as by designing and conducting inquiry-based laboratory investigations to solve problems through first-hand observations, data collection, analysis, and interpretation.

EXPECTATIONS & WORKLOAD

- Practice Problems every night
- Solve problems in class
- Use TI Calculators effectively
- Work with partners to do labs
- Complete lab report every other week
- Exit Card/Quiz every week
- Test at the end of each unit
- Seek help if needed
- Check classroom every for note, homework & assignments

THE EXAM

The exam is 3 hours long and includes 50 multiple-choice questions and 5 free-response questions. A four-function, scientific, or graphing calculator is allowed on both sections of the exam.

SKILLS TAUGHT

- Communication
- Organization and Interpersonal
- Research
- Numeracy and Computing
- Data Analysis
- Foreign Language
- Scientific & Human Level

SELF-CHECKLIST

- Will you make a firm commitment to persevere in the class, even if the course proves challenging at the beginning?
- Are you planning on attending college after graduation?
- Are you seeking a course to improve the clarity of your writing?
- Can you devote 30 minutes to homework every day?
- Will you commit to completing assigned tasks on time?

SIGNS OF READINESS

- Successful completion of Algebra I and II
- Strong Knowledge of Trigonometric functions
- Earning higher on the Math portion of PSAT
- Prepared for College Physics

QUESTIONS? SEE MR. BONNEY

Or visit <https://apstudents.collegeboard.org/courses/ap-physics-1-algebra-based>