



OPTIONS IN PHYSICS



Physics 1 and Physics 1A cover the same fundamental concepts. They differ in the degree of lab work, the approach to problem solving and level of mathematical rigor.

College Physics APB is an algebra-trig based physics course designed for students who intend to take the Advanced Placement (B syllabus) exam in the spring. It covers all of the major topics in physics has no science prerequisite.

College Physics APC is a calculus based physics course designed for students who intend to take the Advanced Placement (C syllabus) in the spring. It covers mechanics and electromagnetism in depth.

Predictor of Success	Physics 1	Physics 1A	College Physics APB	College Physics APC
Previous Mathematics courses	Alg 1 – B- Alg 1A – C Alg 1A/GeomA - C	Alg 2 - B Alg 2/Trig H – B Trig/Anlt H - C	Alg2/Precal H – B IAC – B+ Trig/Anlt H – B Concurrent enrollment in AB Cal, Analysis H or Pre-Calc Recommended	AB Calc – P BC Calc – P or conc. Enroll A or Strong B in previous math courses recommended
Previous Science			Completion of Chemistry recommended	Completion of Chemistry recommended
Grade Level	10-12	10-12	11-12	11-12
Degree of independent learning and academic responsibility	Does best with structure and guidance	Limited Guidance Needed	Self- Motivated	Self- Motivated
Commitment to hours of required Homework per week	2-3 hours per week	2-3 hours per week	4-6 hours per week	4-6 hours per week