



School District of Marshallfield Course Syllabus

Course Name: AP Physics B

Length of Course: Year

Credits: 1

Course Description:

Students will explore Newtonian Mechanics, Fluid Mechanics, Thermodynamics, Electricity and Magnetism, Sound and Light Waves, and Modern Physics.

Learning Targets:

- Newtonian Mechanics
- Fluid Mechanics
- Thermodynamics
- Electricity and Magnetism
- Sound and Light Waves
- Modern Physics

First Quarter (9 weeks)

- Motion, Forces, and Energy

Second Quarter (9 weeks)

- Momentum, Rotary Motion, Fluid Mechanics, and Thermodynamics

Third Quarter (9 weeks)

- Electricity and Magnetism

Fourth Quarter (9 weeks)

- Sound and Light Waves, and Modern Physics

Required Core Resources:

College Physics 7th Edition – Serway and Faughn