5 Steps to a 5: AP Physics II

Edwin

June 2022

Contents

1 Fluid Mechanics

1.1 Vocabulary

- Pressure and its forces are caused by the behavior of molecules
-

1.2 Now the Nano-World Influences the Fluid World We Live In

-

1.3 Density

-

1.4 Pressure

-

1.5 Static Fluids

-

1.6 Applications of Static Fluids

-

1.7 Barometer

-

1.8 Bouyancy and Archimedes' Principles

-

1.9 Dynamic Fluids - Continuity

-

1.10 Dynamic Fluids - Bernoulli's Equation

-

2 Thermodynamics and Gases

2.1 Vocabulary

-

3 Electric Force, Field, and Potential

3.1 Vocabulary

-

4 Electric Circuits

4.1 Vocabulary

-

5 Magnetism and Electromagnetic Induction

5.1 Vocabulary

-

6 Geometric and Physics Optics

6.1 Vocabulary

-

7 Quantum, Atomic, and Nuclear Physics

7.1 Vocabulary

-