

22.3 Behavior of Fluids – Outline

I. Pressure

- a. Force and Area
- b. Atmospheric Pressure
- c. Balanced Pressure
- d. Variations in Atmospheric Pressure
- e. Air Travel

II. Changes in Gas Pressure

- a. Pressure and Volume
- b. Pressure and Temperature

III. Float or Sink

- a. Archimedes' Principle
- b. Density

IV. Pascal's Principle

- a. Hydraulic Systems
- b. Force Pumps