Lecture 1

* Over view of Physics
* Overview for Physics 10
* Newton’s first law of motion

1. Overview of Physics

* Mechanics
* Properties of matter
* Heat
* Sound
* Electricity and Magnetism
* Light
* Atomic and Nuclear Physics
* Relativity

1. Overview for Physics 10

* Newton’s first law of motion - Inertia
* Linear Motion
* Newton’s second law of motion
* Newton’s third law of motion
* Momentum
* Energy
* Rotational Motion
* Gravity
* Projectile and Satellite Motion

1. Chapter 2

Newton’s first law of motion-Inertia

* Newton’s first law of motion
* Net Force
* The Equilibrium Rule
* Support Force
* Equilibrium of Moving Things