

## Course Description:

### Physics

Introductory physics course intended for science and engineering majors covering measurement, Newton's Laws of Motion, gravity, work and energy, momentum, motion, oscillations, conservation laws, waves, sound, temperature, heat transfer and thermodynamics.

#### Lectures:

##### First nine weeks

1. Science and scientific method
2. Measurement, units, accuracy and significant figures

##### Second Nine weeks

3. Motion
4. Rectilinear motion

##### 3rd Nine Weeks

5. Newton and the Laws of Motion
6. Force, energy, work, momentum and conservation laws

##### 4th 9 weeks

7. heat and temperature, laws and thermodynamic cycles
8. Wave propagation and sound