

PHY 243: Physics I

This course is an introduction to basic theories of classical and modern physics covering the following units; distance, velocity, acceleration, Newton's laws of motions, energy, momentum, collision, radioactivity and nuclear physics, rotational motion, gravity, solids and fluids, electricity, magnetism, sound, and oscillations. Topics covered will emphasize basic problem solving and experimental techniques. Three hours lecture, two hours laboratory.

Credits: 4

Prerequisites: MAT 132 or MAT 145 depending on placement

Program: **Physics**