

PHYS112W : Physics I

An introduction to the laws of classical physics designed to help students apply basic principles of physics to the world around them. Topics include kinematics and dynamics in one and two dimensions, momentum, Newton's laws of motion, work kinetic and potential energy, rotational motion and the conservation laws of energy and momentum. Additional topics include phases of matter and the properties of fluids.

Lecture Hours 3

Lab Hours 2 **Credits** 4