

PHYS228 : General Physics III

This is a one-semester course which introduces the student to thermodynamics, fluids and optics. The course covers fluid mechanics, conduction of heat, kinetic theory of gasses, the laws of thermodynamics, the nature of light, geometric optics, interference and diffraction. This subject matter will be covered in an introductory manner so as to prepare the student to revisit these topics in more depth in future undergraduate and graduate physics courses. Includes laboratory.

Credits 4

Lecture Hours 3

Lab/Clinical/Field Study Hours 3

Prerequisites

PHYS226 with a C or better and MATH156 (MATH156 may be taken concurrently)