

APHY 1305 : Fundamentals of Physics

The study of Engineering requires a strong foundation of Physics. Knowledge of Physics is indispensable for the students of electronics technology. This course provides an insight into several important concepts of Physics such as electric charges, electric fields, alternating current, induction, inductance, Coulomb's law, Ohm's law, electromagnetism, capacitance, and magnetism that are fundamentals to the study of electronics. The course also introduces the concepts of serial and parallel circuits, electric instruments, generators, and motors that will be covered in detail in the electronics courses that follow.

Credits 3

Course ID

008628

Grading Basis

Graded

Course Component

Lecture

Semester Offered

Fall semester

spring semesters