

# PHYS105 : Basic Physics

Includes measurement, motion, vectors, Newton's laws and equilibrium, work and energy, simple machines, rotational motion and rotational equilibrium, fluids, heat, waves, electricity, magnetism, and AC and DC circuits. Laboratory utilizes computers for data acquisition and analysis. Meets General Education requirement for Science.

**Credits** 4

**Lecture Hours** 3

**Lab/Clinical/Field Study Hours** 3

**Prerequisites**

ENGLO80 and MATH074 or MATH099 with grades of C or better or Placement test score or SAT score.