

PHYS 2830 : Physics II

The second semester in the calculus based physics. Electrostatic fields, electric force and potential, capacitance, D.C. circuits, magnetic field, magnetic force and induction, A.C. circuits, electromagnetic waves, nature and propagation of light, geometrical and physical optics. Prerequisite: PHYS 1820, MATH 1620. Co-requisite: MATH 2610. Lecture/laboratory. Lab fee.

Credits 0.0-4

Semester Offered

Fall

General Education Areas

Natural Science Reason Gen Ed