COURSE DETAIL

FUNDAMENTALS OF PHYSICS
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 16
UCEAP Course Suffix
UCEAP Official Title FUNDAMENTALS OF PHYSICS
UCEAP Transcript Title FUND OF PHYSICS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course covers two branches of fundamental physics: mechanics and electricity & magnetism. Topics in mechanics include linear motion, circular motion, Newton's laws of motion, work and energy, conservation of energy, linear momentum, and simple harmonic motion. Topics in electricity & magnetism include electric force, field & potential, current & resistance, DC circuits, electromagnetism and electromagnetic induction.

Language(s) of Instruction
English

Host Institution Course Number
PC1201

Host Institution Course Title
FUNDAMENTALS OF PHYSICS

Host Institution Course Details
https://nusmods.com/courses/PC1201/fundamentals-of-physics

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed
2024-2025

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