

COURSE DETAIL

FUNDAMENTALS OF ENGINEERING PHYSICS

Country

Korea, South

Host Institution

Seoul National University

Program(s)

Seoul National University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

13

UCEAP Course Suffix**UCEAP Official Title**

FUNDAMENTALS OF ENGINEERING PHYSICS

UCEAP Transcript Title

FUND ENGR PHYSICS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course provides fundamental physical concepts and basic mathematical tools necessary for undergraduate students of the Department of Nuclear Engineering to take core courses offered in this department successfully. The course covers the most essential parts of classical mechanics; electricity and magnetism; thermodynamics and statistical physics, and fluid mechanics. A background in college-level freshman physics and mathematics is required.

Language(s) of Instruction

English

Host Institution Course Number

409.214

Host Institution Course Title

FUNDAMENTALS OF ENGINEERING PHYSICS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Nuclear Engineering

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