

# 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 Course Details

<https://sugang.snu.ac.kr/>

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Nuclear Engineering

## Course Last Reviewed

2023-2024

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