

## COURSE DETAIL

### INTRODUCTION TO ENERGY SCIENCE AND TECHNOLOGY

**Country**

Korea, South

**Host Institution**

Korea University

**Program(s)**

Korea University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Engineering

**UCEAP Course Number**

148

**UCEAP Course Suffix****UCEAP Official Title**

INTRODUCTION TO ENERGY SCIENCE AND TECHNOLOGY

**UCEAP Transcript Title**

ENERGY SCI & TECH

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This class covers concepts and applications of scientific theory and technology according to the type of energy. Topics include fundamental physical and chemical principles of various types of energy; the differences as well as the social and environmental effects of various energy technology; and an introduction of solar energy, hydrogen energy, fuel cell, bioenergy, biomass, and related energy conversion and storage technologies.

## Language(s) of Instruction

English

## Host Institution Course Number

ENGY204

## Host Institution Course Title

INTRODUCTION TO ENERGY SCIENCE AND TECHNOLOGY

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Integrative Energy Engineering

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