

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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