

## COURSE DETAIL

### APPLIED ENERGY ENGINEERING

**Country**

Korea, South

**Host Institution**

Korea University

**Program(s)**

Korea University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Materials Science Engineering

**UCEAP Course Number**

141

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

APPLIED ENERGY ENGINEERING

**UCEAP Transcript Title**

APPLD ENRGY ENGINEER

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course will cover electrochemical/material engineering and recent energy applications such as batteries, fuel cells, electrodepositions, and corrosions. The course builds on electrochemistry and its application to energy devices. Emphasis is placed on the fundamental concepts related to electrochemistry, understanding electrochemical cells, corrosion and prevention, and various energy storage/conversion devices.

## Language(s) of Instruction

English

## Host Institution Course Number

ACEE334

## Host Institution Course Title

APPLIED ENERGY ENGINEERING

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Civil, Environmental and Architectural Engineering

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