

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 ENGNEER

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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