

COURSE DETAIL

CONSTRUCTION AUTOMATION AND SENSING TECHNOLOGIES

Country

Korea, South

Host Institution

Yonsei University

Program(s)

Yonsei University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Civil Engineering

UCEAP Course Number

140

UCEAP Course Suffix**UCEAP Official Title**

CONSTRUCTION AUTOMATION AND SENSING TECHNOLOGIES

UCEAP Transcript Title

CONSTRUCTION TECH

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course introduces construction methods for civil engineering and the impact of emerging technologies on the traditional construction process. Such subjects as bridge construction, tunnel construction, earth moving, construction equipment, automation and sensing technologies are covered. This course provides the convergence ability to devise tools, equipment, system and process to improve productivity, safety and efficiency in the construction field; an ability to apply knowledge of mathematics, science, and engineering; and an ability to communicate effectively in teamwork.

Language(s) of Instruction

English

Host Institution Course Number

CEE4411

Host Institution Course Title

CONSTRUCTION AUTOMATION AND SENSING TECHNOLOGIES

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Civil and Environmental Engineering

[Print](#)