

# 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 Course Details

[http://ysweb.yonsei.ac.kr:8888/curri120601/curri\\_pop2.jsp?&hakno=CEE4411&bb=01&...](http://ysweb.yonsei.ac.kr:8888/curri120601/curri_pop2.jsp?&hakno=CEE4411&bb=01&...)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Civil and Environmental Engineering

## Course Last Reviewed

2021-2022

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