

COURSE DETAIL

FINITE ELEMENT METHOD

Country

Korea, South

Host Institution

Korea University

Program(s)

Korea University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

114

UCEAP Course Suffix**UCEAP Official Title**

FINITE ELEMENT METHOD

UCEAP Transcript Title

FINITE ELEMENT MTHD

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the fundamentals of finite element analysis of solids, structures, and dynamics. This includes the theoretical foundations, physical insights of them, and appropriate use of finite element methods. The course also covers how to write a simple MATLAB code for basic finite element analysis.

Language(s) of Instruction

English

Host Institution Course Number

MECH334

Host Institution Course Title

FINITE ELEMENT METHOD

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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