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 Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2022-2023

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