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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