COURSE DETAIL

HEAT TRANSFER
Country Japan
Host Institution Tohoku University
Program(s) Engineering and Science
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 112
UCEAP Course Suffix W
UCEAP Official Title HEAT TRANSFER
UCEAP Transcript Title HEAT TRANSFER
UCEAP Quarter Units 3.00
UCEAP Semester Units

2.00

Course Description

This course covers of the fundamentals of heat and mass transport phenomena, which is useful to several engineering designs. The course studies the basic concept of heat transfer, including conduction, convection and radiation. Then it addresses the applications of the concept to industrial designs, such as heat exchanger, boiler and condenser.

Language(s) of Instruction
English

Host Institution Course Number
N/A

Host Institution Course Title
HEAT TRANSFER

Host Institution Course Details

Host Institution Campus
Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Engineering

Course Last Reviewed
2023-2024

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