

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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