

COURSE DETAIL

HEAT TRANSFER

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

100

UCEAP Course Suffix**UCEAP Official Title**

HEAT TRANSFER

UCEAP Transcript Title

HEAT TRANSFER

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course is an introduction to the principal concepts and methods of heat transfer. The objectives of this integrated subject are to develop the fundamental principles and laws of heat transfer and to explore the implications of these principles for system behavior; to formulate the models necessary to study, analyze and design heat transfer systems through the application of these principles, and to develop the problem-solving skills essential to good engineering practice of heat transfer in real-world applications.

Language(s) of Instruction

English

Host Institution Course Number

ME3003

Host Institution Course Title

HEAT TRANSFER

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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