

COURSE DETAIL

THERMODYNAMICS

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Mechanical Engineering

UCEAP Course Number

52

UCEAP Course Suffix**UCEAP Official Title**

THERMODYNAMICS

UCEAP Transcript Title

THERMODYNAMICS

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course begins with introductory level coverage of basic principles of thermodynamics: conservation of mass, conservation of energy, the Second Law of thermodynamics, power cycles, refrigeration, thermodynamic relations, and gas mixtures. The applications to various areas of engineering are also discussed.

Language(s) of Instruction

English

Host Institution Course Number

ME2005

Host Institution Course Title

THERMODYNAMICS

Host Institution Course Details

https://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=502%2023100&c...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

Course Last Reviewed

2022-2023

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