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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