COURSE DETAIL

THERMODYNAMICS
Country Hong Kong
Host Institution Hong Kong University of Science and Technology (HKUST)
Program(s) Hong Kong University of Science and Technology
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 31
UCEAP Course Suffix
UCEAP Official Title THERMODYNAMICS
UCEAP Transcript Title THERMODYNAMICS
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This is an introductory course in thermodynamics. Course topics include: fundamental concepts; pure substance; work and heat; control volume; ideal and real gases; first and second laws of thermodynamics; entropy; elementary power and refrigeration cycles.

Language(s) of Instruction
English

Host Institution Course Number
MECH2310

Host Institution Course Title
THERMODYNAMICS

Host Institution Course Details

Host Institution Campus
HKUST, Engineering

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical and Aerospace Engineering

Course Last Reviewed

Print