COURSE DETAIL

CONTROL PRINCIPLES
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 Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title CONTROL PRINCIPLES
UCEAP Transcript Title CONTROL PRINCIPLES
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
Introduction to system equations, block diagrams, signal flow graphs, state-space systems, transient response using convolution integral, root locus and frequency response methods. Design by root locus, frequency response and state space method. Nyquist stability test.

Language(s) of Instruction
English

Host Institution Course Number
MECH3610

Host Institution Course Title
CONTROL PRINCIPLES

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