COURSE DETAIL

FEEDBACK CONTROL SYSTEMS
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mechanical Engineering
UCEAP Course Number 110
UCEAP Course Suffix
UCEAP Official Title FEEDBACK CONTROL SYSTEMS
UCEAP Transcript Title FEEDBACK CONTROL
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course introduces various fundamental concepts in control system analysis and design. Topics include mathematical modeling of dynamical systems, time responses of first and second-order systems, steady-state error analysis, frequency response analysis of systems and design methodologies based on both time and frequency domains. The course requires students to take prerequisites.

Language(s) of Instruction
English

Host Institution Course Number
ME2142

Host Institution Course Title
FEEDBACK CONTROL SYSTEMS

Host Institution Course Details
https://nusmods.com/courses/ME2142/feedback-control-systems

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mechanical Engineering

Course Last Reviewed
2024-2025

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