

# 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 Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Mechanical Engineering

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