

# COURSE DETAIL

## AUTOMATIC CONTROL

**Country**

Taiwan

**Host Institution**

National Taiwan University

**Program(s)**

National Taiwan University

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mechanical Engineering

**UCEAP Course Number**

107

**UCEAP Course Suffix****UCEAP Official Title**

AUTOMATIC CONTROL

**UCEAP Transcript Title**

AUTOMATIC CONTROL

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This is an introduction course to feedback control system analysis, control principles, control systems design, and system stability. The course content includes the modeling of physical systems in engineering and other fields; transform methods; controller design using Nyquist, Bode, and root locus methods; compensation; computer-aided analysis and design with MATLAB.

## Language(s) of Instruction

Chinese

## Host Institution Course Number

ME3007

## Host Institution Course Title

AUTOMATIC CONTROL

## Host Institution Course Details

[http://nol.ntu.edu.tw/nol/coursesearch/print\\_table.php?course\\_id=502%2045100&cl...](http://nol.ntu.edu.tw/nol/coursesearch/print_table.php?course_id=502%2045100&cl...)

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Mechanical Engineering

## Course Last Reviewed

2022-2023

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