

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 Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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