

COURSE DETAIL

ELECTRICAL ENGINEERING FUNDAMENTALS

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Electrical Engineering

UCEAP Course Number

67

UCEAP Course Suffix**UCEAP Official Title**

ELECTRICAL ENGINEERING FUNDAMENTALS

UCEAP Transcript Title

ELECTRICAL ENGINEER

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course covers the principles and applications of electrical engineering. Topics include resistive circuits; inductance and capacitance; transients; steady-state sinusoidal analysis; frequency response, bode plots, and resonance; amplifiers; operational amplifiers; diodes; and logic circuits.

Language(s) of Instruction

English

Host Institution Course Number

ME2101

Host Institution Course Title

ELECTRICAL ENGINEERING FUNDAMENTALS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Mechanical Engineering

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