

COURSE DETAIL

ELECTRICAL ENGINEERING FUNDAMENTALS

Country

Spain

Host Institution

Carlos III University of Madrid

Program(s)

Carlos III University of Madrid

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Electrical Engineering

UCEAP Course Number

103

UCEAP Course Suffix**UCEAP Official Title**

ELECTRICAL ENGINEERING FUNDAMENTALS

UCEAP Transcript Title

ELECTRICAL ENG FUND

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides a study of the key aspects and concepts of electrical engineering. Topics covered include: Kirchhoff's laws; direct current circuits; alternate current circuits; three-phase systems; first-order transient circuits. Students are expected to have completed coursework in calculus and physics.

Language(s) of Instruction

English

Host Institution Course Number

14020,14192,15078

Host Institution Course Title

ELECTRICAL ENGINEERING FUNDAMENTALS

Host Institution Campus

Escuela Politécnica Superior. (Leganés)

Host Institution Faculty

Escuela Politécnica Superior

Host Institution Degree

Ingeniería de la Energía; Ingeniería Electrónica Industrial y Automática

Host Institution Department

Ingeniería Eléctrica

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