

COURSE DETAIL

ELECTRONIC TECHNOLOGY IN BIOMEDICINE

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)

Bioengineering

UCEAP Course Number

112

UCEAP Course Suffix

E

UCEAP Official Title

ELECTRONIC TECHNOLOGY IN BIOMEDICINE

UCEAP Transcript Title

ELEC TECHNLOGY/BIOMD

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course provides a study of the purpose and operation of analog and digital electronic systems. It covers the operation of basic electronic instrumentation and measuring, the use of main electronic parts, and the use computer aided design tools for electronic circuit design. Topics are divided into the following: circuit theory, electronic components, amplification, and digital electronics.

Language(s) of Instruction

English

Host Institution Course Number

15542

Host Institution Course Title

ELECTRONIC TECHNOLOGY IN BIOMEDICINE

Host Institution Campus

Escuela Politécnica Superior. (Leganés)

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Tecnología Electrónica

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