# 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 TECHNLGY/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**
TECNOLOGÍA ELECTRÓNICA EN BIOMEDICINA

**Host Institution Course Details**

**Host Institution Campus**
Escuela Politécnica Superior. (Leganés)

**Host Institution Faculty**

**Host Institution Degree**

**Host Institution Department**
Tecnología Electrónica

**Course Last Reviewed**

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