

COURSE DETAIL

APPLIED ELECTRONICS

Country

Spain

Host Institution

University of Barcelona

Program(s)

University of Barcelona

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Bioengineering

UCEAP Course Number

118

UCEAP Course Suffix**UCEAP Official Title**

APPLIED ELECTRONICS

UCEAP Transcript Title

APPLIED ELECTRONICS

UCEAP Quarter Units

7.00

UCEAP Semester Units

4.70

Course Description

This course offers an introduction to electronics in biomedical engineering. Topics include: circuit theory; biomedical instrumentation; feedback systems; active filters; stability; non-linear applications; bio-amplifiers; biosensors platforms; digital electronics.

Language(s) of Instruction

Spanish

Host Institution Course Number

363827

Host Institution Course Title

APPLIED ELECTRONICS

Host Institution Campus

Campus Nord

Host Institution Faculty

Facultad de Biomedicina

Host Institution Degree

Biomedicina

Host Institution Department

Dept. de Ingenieria Electrónica y Biomedicina

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