COURSE DETAIL

ANALOG ELECTRONICS
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 108
UCEAP Course Suffix
UCEAP Official Title ANALOG ELECTRONICS
UCEAP Transcript Title ANALOG ELECTRONICS
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course offers an introduction to analog electronics. Topics include: transistor circuits and ASICs; current sources, basic amplifiers, and differential amplifiers; frequency response of amplifier circuits; feedback circuits; operational amplifiers, voltage regulators, and power amplifiers; active first and second order filters; oscillators, VCO, and PLL; pulse circuits.

Language(s) of Instruction

Host Institution Course Number
18418

Host Institution Course Title
ELECTRÓNICA ANALÓGICA

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=223&anio=2023&plan=444&asig=18...

Host Institution Campus
Leganés

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree
Ingeniería Electrónica Industrial y Automática

Host Institution Department
Tecnología Electrónica

Course Last Reviewed
2023-2024

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