COURSE DETAIL

ELECTRONIC INSTRUMENTATION
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 107
UCEAP Course Suffix
UCEAP Official Title ELECTRONIC INSTRUMENTATION
UCEAP Transcript Title ELEC INSTRUMENTATN
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course offers an introduction to electronic instrumentation, metrological characteristics, and measurement errors. Other topics include: signal conditioning for electronic sensors-- circuits, amplifiers, and modulation techniques; electronic sensors for the measurement of different physical magnitudes, their characteristics and conditioning circuits; applications of a/d conversion, d/a conversion and data acquisition in instrumentation systems.

Language(s) of Instruction

Host Institution Course Number
18419

Host Institution Course Title
INSTRUMENTACIÓN ELECTRÓNICA

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=223&anio=2022&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
2022-2023

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