COURSE DETAIL

HOW TO TRAIN YOUR ELECTRON: HISTORY AND EVOLUTION OF ELECTRONICS AND TECHNOLOGY

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)
History Electrical Engineering

UCEAP Course Number
135

UCEAP Course Suffix

UCEAP Official Title
HOW TO TRAIN YOUR ELECTRON: HISTORY AND EVOLUTION OF ELECTRONICS AND TECHNOLOGY

UCEAP Transcript Title
HIST/ELECTRNCS&TECH

UCEAP Quarter Units
2.50

UCEAP Semester Units
1.70

Course Description

This course offers a historical and conceptual journey through the evolution of electronics from the first discoveries of static electricity to today's digital and quantum technologies. It explores how humanity has "tamed the electron", examining key inventions like the telegraph and microprocessor, as well as the social, economic, and environmental impacts of modern electronics. This course concludes with a focus on the future of computing, artificial intelligence, and quantum devices.

Language(s) of Instruction
English

Host Institution Course Number
19458

Host Institution Course Title
CÓMO ENTRENAR A TU ELECTRÓN

Host Institution Course Details
https://aplicaciones.uc3m.es/cpa/generaFicha?est=223&asig=19458&idioma=2&plan=4...

Host Institution Campus
LEGANÉS

Host Institution Faculty
Escuela Politécnica Superior

Host Institution Degree

Host Institution Department
Minicurso de Humanidades

Course Last Reviewed

2025-2026

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