

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

[Print](#)