

# COURSE DETAIL

## PHYSICS I

**Country**

Spain

**Host Institution**

Carlos III University of Madrid

**Program(s)**

Carlos III University of Madrid

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

15

**UCEAP Course Suffix****UCEAP Official Title**

PHYSICS I

**UCEAP Transcript Title**

PHYSICS I

**UCEAP Quarter Units**

5.00

**UCEAP Semester Units**

3.30

## Course Description

This course offers an introduction to the general laws of mechanics, thermodynamics, fields, waves, electromagnetism, and their application to the resolution of engineering problems. Pre-requisites: calculus and linear algebra.

## Language(s) of Instruction

English

## Host Institution Course Number

14188,15322,15533,13489,15075

## Host Institution Course Title

FÍSICA I

## Host Institution Course Details

<https://aplicaciones.uc3m.es/cpa/generaFicha?est=221&anio=2024&plan=446&asig=14...>

## Host Institution Campus

LEGANÉS

## Host Institution Faculty

Escuela Politécnica Superior

## Host Institution Degree

Various including: Ingeniería Mecánica, Ingeniería Aeroespacial, Ingeniería Biomédica, Ingeniería de Comunicaciones Móviles y Espaciales, Ingeniería de la Energía

## Host Institution Department

Departamento de Física

## Course Last Reviewed

2024-2025

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