COURSE DETAIL

PHYSICS FUNDAMENTALS I
Country Spain
Host Institution Complutense University of Madrid
Program(s) Complutense University of Madrid
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 15
UCEAP Course Suffix
UCEAP Official Title PHYSICS FUNDAMENTALS I
UCEAP Transcript Title PHYSICS FUND I
UCEAP Quarter Units 7.00
UCEAP Semester Units 4.70

Course Description

This course offers a study of fundamental physics concepts. Topics include: kinematics; dynamics; work and energy; motion of a system of particles; rigid objects; relativity; oscillatory motion; kinematics of a harmonic oscillator; universal gravitation; fluids; thermodynamics. Pre-requisites: high school-level math and physics.

Language(s) of Instruction

Host Institution Course Number
800490

Host Institution Course Title
FUNDAMENTOS DE FÍSICA I

Host Institution Course Details
https://www.ucm.es/data/cont/docs/18-2021-06-30-PhF1.pdf

Host Institution Campus
MONCLOA

Host Institution Faculty
Facultad de Ciencias Físicas

Host Institution Degree
GRADO EN FÍSICA

Host Institution Department

Course Last Reviewed
2024-2025

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