

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

PHYSICS FUNDAMENTALS I

Host Institution Campus

MONCLOA

Host Institution Faculty

Facultad de Ciencias Físicas

Host Institution Degree

GRADO EN FÍSICA

Host Institution Department

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