

COURSE DETAIL

CLASSICAL MECHANICS

Country

Spain

Host Institution

Complutense University of Madrid

Program(s)

Complutense University of Madrid

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

115

UCEAP Course Suffix**UCEAP Official Title**

CLASSICAL MECHANICS

UCEAP Transcript Title

CLASSICAL MECHANICS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This physics course reviews Newtonian mechanics and motion in a central force field. It offers an introduction to analytical mechanics, non-inertial reference frames, rigid body motion, and complementary special relativity theory.

Pre-requisites: Calculus, Linear Algebra, Vector Algebra, Calculus, and General Physics.

Language(s) of Instruction

Spanish

Host Institution Course Number

800498

Host Institution Course Title

MECÁNICA CLÁSICA

Host Institution Course Details

<https://www.ucm.es/data/cont/docs/18-2025-05-10-800498%20-%20Classical%20Mechan...>

Host Institution Campus

MONCLOA

Host Institution Faculty

Facultad de Ciencias Físicas

Host Institution Degree

GRADO EN FÍSICA

Host Institution Department

Departamento de Física Teórica

Course Last Reviewed

2025-2026

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