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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