

COURSE DETAIL

PRINCIPLES OF WAVES, FLUIDS, AND THERMODYNAMICS

Country

Spain

Host Institution

University of Barcelona

Program(s)

University of Barcelona

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

123

UCEAP Course Suffix**UCEAP Official Title**

PRINCIPLES OF WAVES, FLUIDS, AND THERMODYNAMICS

UCEAP Transcript Title

WAVES FLUIDS&THERMO

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course offers a study of the basic phenomena of classical physics including fundamental concepts of fluids, thermodynamics, and waves. Topics include: fluid statics; fluid dynamics; calorimetry; heat transfer; thermodynamics of an ideal gas; wave motion; superposition of waves; sound waves.

Language(s) of Instruction

Spanish

Host Institution Course Number

360564

Host Institution Course Title

PRINCIPLES OF WAVES, FLUIDS, AND THERMODYNAMICS

Host Institution Campus

Campus Diagonal

Host Institution Faculty

Facultad de Física

Host Institution Degree

Física

Host Institution Department

Departament de Física Quàntica i Astrofísica

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