COURSE DETAIL

PRINCIPLES OF ELECTROMAGNETISM AND OPTICS
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 105
UCEAP Course Suffix
UCEAP Official Title PRINCIPLES OF ELECTROMAGNETISM AND OPTICS
UCEAP Transcript Title ELECTROMAG&OPTICS
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course offers a study of the fundamental concepts of electromagnetism and optics. Topics include: electric field; electric potential; conductors; electric current; magnetic field; electromagnetic induction; alternating current; Maxwell's equations; reflection and refraction of light; mirrors, diopters, and lenses; optical instruments.

Language(s) of Instruction

Host Institution Course Number
360565

Host Institution Course Title
FONAMENTS D'ELECTROMAGNETISME I ÒPTICA

Host Institution Course Details
https://grad.ub.edu/grad3/plae/AccesInformePD?curs=2023&codiGiga=360565&idioma=...

Host Institution Campus
Campus Diagonal

Host Institution Faculty
Facultad de Física

Host Institution Degree
Física

Host Institution Department
Departamento de Física Aplicada

Course Last Reviewed
2023-2024

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