COURSE DETAIL

PHYSICAL OPTICS
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 141
UCEAP Course Suffix
UCEAP Official Title PHYSICAL OPTICS
UCEAP Transcript Title PHYSICAL OPTICS
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course examines the development of modern physical optics, with particular attention to the physical properties and applications of light in the advanced undergraduate level. It covers wave theory of electromagnetic radiations and light; geometric optics; the propagation and superposition of light waves; interference, diffraction and coherence of light; fourier optics; and some topics of modern optics.

Language(s) of Instruction
English

Host Institution Course Number
PHYS3850

Host Institution Course Title
PHYSICAL OPTICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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