

COURSE DETAIL

CLASSICAL AND MODERN PHYSICS

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

132

UCEAP Course Suffix**UCEAP Official Title**

CLASSICAL AND MODERN PHYSICS

UCEAP Transcript Title

CLASSICAL&MOD PHYS

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course provides an introduction to classical dynamics, waves, special relativity, and quantum physics. It serves both as a preparation for further study in physics-based degree program, and as a stand-alone course for students of other disciplines, including mathematics, chemistry, geosciences, computer science, and engineering. The course consists of lectures to present new material, and workshops to develop understanding, familiarity, and fluency.

Language(s) of Instruction

English

Host Institution Course Number

PHYS08044

Host Institution Course Title

CLASSICAL AND MODERN PHYSICS

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

Physics and Astronomy

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