

COURSE DETAIL

HOW THINGS WORK: EVERYDAY PHYSICS

Country

Hong Kong

Host Institution

University of Hong Kong

Program(s)

University of Hong Kong

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Physics

UCEAP Course Number

15

UCEAP Course Suffix**UCEAP Official Title**

HOW THINGS WORK: EVERYDAY PHYSICS

UCEAP Transcript Title

HOW THINGS WORK

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

This course is designed for students who are curious about the role of science in daily life. It covers the science in the household and the science of driving, sports and amusement. Daily applications are explored with simple and lucid explanations. Developments in optical recording, medical imaging for diagnosis and the magnetic levitated trains in public transportation are introduced as examples of the modern technology. Contents of the course are constantly updated to reflect the advances in modern science and technology.

Language(s) of Instruction

English

Host Institution Course Number

PHYS1055/0612

Host Institution Course Title

HOW THINGS WORK

Host Institution Course Details

https://www.scifac.hku.hk/f/page/5822/23305/BSc_2024-2025.pdf

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Physics

Course Last Reviewed

2025-2026

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