COURSE DETAIL

ASTRONOMY FOR BEGINNERS
Country Hong Kong
Host Institution Hong Kong University of Science and Technology (HKUST)
Program(s) Hong Kong Summer, HKUST
UCEAP Course Level Lower Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 10
UCEAP Course Suffix S
UCEAP Official Title ASTRONOMY FOR BEGINNERS
UCEAP Transcript Title ASTRONOMY
UCEAP Quarter Units 4.50
UCEAP Semester Units

3.00

Course Description

This course in astronomy is designed for students with no physics background. Key topics include introduction to our Universe; observation in astronomy; origin of modern astronomy. Newton's law of motions; gravity; light, atoms and telescope. The Sun; stellar formation and evolution; white dwarfs, neutron stars and black holes. The Milky Way Galaxy; Normal galaxies, active galaxies and supermassive black holes. Foundation of modern cosmology; dark matter, dark energy and the fate of the Universe; and the beginning of time.

Language(s) of Instruction
English

Host Institution Course Number
PHYS1006

Host Institution Course Title
ASTRONOMY FOR BEGINNERS

Host Institution Course Details

Host Institution Campus
HKUST International Summer School

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed
2023-2024

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