COURSE DETAIL

MODERN PHYSICS
Country Japan
Host Institution International Christian University
Program(s) International Christian University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 120
UCEAP Course Suffix
UCEAP Official Title MODERN PHYSICS
UCEAP Transcript Title MODERN PHYSICS
UCEAP Quarter Units 2.50
UCEAP Semester Units 1.70

Course Description
This course provides an introduction to fundamental concepts and laws related to energy and motion in the physical science. This course discusses introductory continuum mechanics (elastic bodies and fluids), wave motion, and thermal physics. Students acquire the vocabulary to describe physical phenomena, in particular, macroscopic phenomena including wave motions. The three main topics that are covered in this class is introduction to continuum mechanics, waves and acoustics, and introductory thermal physics. Text: Young and Freedman, UNIVERSITY PHYSICS WITH MODERN PHYSICS Chapters 11, 12, 14-20.

Language(s) of Instruction
English

Host Institution Course Number
PHY241E

Host Institution Course Title
MODERN PHYSICS A

Host Institution Course Details

Host Institution Campus
International Christian University

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed

Print