COURSE DETAIL

SOLID STATE PHYSICS
Country Japan
Host Institution Tohoku University
Program(s) Engineering and Science
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 111
UCEAP Course Suffix
UCEAP Official Title SOLID STATE PHYSICS
UCEAP Transcript Title SOLID STATE PHYSICS
UCEAP Quarter Units 3.00
UCEAP Semester Units 2.00

Course Description

This course examines the macroscopic properties of solids, such as electrical conductivity and heat capacity, by learning about the motion of periodic lattices and the behavior of electrons moving within the lattices.

Language(s) of Instruction
English

Host Institution Course Number
N/A

Host Institution Course Title
MATERIAL SCIENCE (LECTURE ON BASIC MATERIAL SCIENCE): BASIC CONCEPTS IN SOLIDS

Host Institution Course Details
https://uceap.sharepoint.com/:b:/s/DocumentLibrary/IQCyS_Yxk6GzQaWW64imKa73AR3K...

Host Institution Campus
Tohoku University

Host Institution Faculty

Host Institution Degree

Host Institution Department
JYPE

Course Last Reviewed
2025-2026

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