COURSE DETAIL

GRADUATE STATISTICAL MECHANICS
Country Hong Kong
Host Institution University of Hong Kong
Program(s) University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 175
UCEAP Course Suffix
UCEAP Official Title GRADUATE STATISTICAL MECHANICS
UCEAP Transcript Title GRAD STAT MECHANICS
UCEAP Quarter Units 5.00
UCEAP Semester Units 3.30

Course Description

This course examines advanced topics in equilibrium statistical physics. Topics include ensemble theory; theory of simple gases, ideal bose systems, ideal fermi systems; statistical mechanics of interacting systems; statistical field theory; and some topics in the theory of phase transition may be selected.

Language(s) of Instruction
English

Host Institution Course Number
PHYS7550

Host Institution Course Title
GRADUATE STATISTICAL MECHANICS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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