COURSE DETAIL

BASIC INSTRUMENTATION
Country Hong Kong
Host Institution Chinese University of Hong Kong
Program(s) Chinese University of Hong Kong
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Physics
UCEAP Course Number 130
UCEAP Course Suffix
UCEAP Official Title BASIC INSTRUMENTATION
UCEAP Transcript Title INSTRUMENTATION
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description
This course introduces the essential techniques and offers a hands-on experience in basic instrumentation of experimental physics, and a proper perspective on how to plan a physics experiment. A mixture of lectures, laboratory sessions and one project cover topics and skills ranging from machine programming, computer interface, hardware instrumentation, data acquisition, error analysis, and report writing.

Language(s) of Instruction
English

Host Institution Course Number
PHYS3730

Host Institution Course Title
BASIC INSTRUMENTATION

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Physics

Course Last Reviewed

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