COURSE DETAIL

GAME THEORY AND INFORMATION

Country
Taiwan

Host Institution
National Taiwan University

Program(s)
National Taiwan University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Economics

UCEAP Course Number
117

UCEAP Course Suffix

UCEAP Official Title
GAME THEORY AND INFORMATION

UCEAP Transcript Title
GAME THEORY INFO

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course provides understanding of game theory. The course not only introduces the basic concepts of game theory, such as Nash equilibrium, subgame perfect Nash equilibrium, perfect Bayesian equilibrium, but also focuses on the "information" of these issues. Some emphases include moral hazard, adverse selection, mechanism design, and models of communication. Additionally, a number of information-related applications, such as negotiation and bidding are introduced.

Language(s) of Instruction
Chinese

Host Institution Course Number
ECON3030

Host Institution Course Title
GAME THEORY AND INFORMATION

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Economics

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