COURSE DETAIL

OPERATIONS RESEARCH

Country
Taiwan

Host Institution
National Taiwan University

Program(s)
National Taiwan University

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Computer Science Business Administration

UCEAP Course Number
20

UCEAP Course Suffix

UCEAP Official Title
OPERATIONS RESEARCH

UCEAP Transcript Title
OPERATIONS RESEARCH

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

Operations Research is a field in which people use mathematical and engineering methods to study optimization problems in Business and Management, Economics, Computer Science, Civil Engineering, Electrical Engineering, etc. This course focuses on deterministic optimization techniques, a major part of the field of Operations Research. The course is divided into four modules: (1) Linear programming, (2) Integer programming, (3) Nonlinear programming, and (4) Dynamic programming.

Language(s) of Instruction
English

Host Institution Course Number
IM2010

Host Institution Course Title
OPERATIONS RESEARCH

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Information Management

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