COURSE DETAIL

DISCRETE MATHEMATICS

Country
Korea, South

Host Institution
Seoul National University

Program(s)
Seoul National University

UCEAP Course Level
Lower Division

UCEAP Subject Area(s)
Mathematics

UCEAP Course Number
10

UCEAP Course Suffix

UCEAP Official Title
DISCRETE MATHEMATICS

UCEAP Transcript Title
DISCRETE MATHEMATCS

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This introductory course covers mathematical topics closely related to computer science. Topics include: logic, sets, functions, relations, countability, combinatorics, proof techniques, mathematical induction, recursion, recurrence relations, graph theory, and number theory. The course emphasizes the context and applications of these concepts within computer science. Prerequisites: No prior programming experience is assumed.

Language(s) of Instruction
English

Host Institution Course Number
4190.101

Host Institution Course Title
DISCRETE MATHEMATICS

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

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