COURSE DETAIL

COMPUTER MODELING

Country
Korea, South

Host Institution
Seoul National University

Program(s)
Seoul National University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
164

UCEAP Course Suffix

UCEAP Official Title
COMPUTER MODELING

UCEAP Transcript Title
COMPUTER MODELING

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course covers basic modeling such as statistical processes, distribution theory, probability theory, and application methods. Topics include basic stochastic modeling, the theory of queues and its application to real cases. Students will have hands-on experience with popular simulation tools and be trained with both analytic models and popular simulation tools (SMPL, OMNet++, NS3).

Language(s) of Instruction
English

Host Institution Course Number
4190.412 001

Host Institution Course Title
COMPUTER MODELING

Host Institution Course Details
https://sugang.snu.ac.kr/sugang/cc/cc100InterfaceSrch.action

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2024-2025

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