COURSE DETAIL

CLOUD COMPUTING

Country
Korea, South

Host Institution
Korea University

Program(s)
Korea University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
145

UCEAP Course Suffix

UCEAP Official Title
CLOUD COMPUTING

UCEAP Transcript Title
CLOUD COMPUTING

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course covers the tools and systems used to implement cloud computing systems, and presents key issues to be addressed, such as virtualization. Students learn cloud system platform technologies and detailed component technologies then configure servers and perform programming on public clouds like Amazon Cloud System (AWS) or Google Cloud System.

Topics include Cloud computing concepts, Cloud computing models, Cloud computing architecture, Cloud computing platforms, Virtualization, Synchronization, Coordination, Distributed deadlock.

Language(s) of Instruction
English

Host Institution Course Number
COSE 444

Host Institution Course Title
CLOUD COMPUTING

Host Institution Course Details
https://infodepot.korea.ac.kr/lecture1/lecsubjectPlanView.jsp?year=2025&term=2R...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2025-2026

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