COURSE DETAIL

INFORMATION SECURITY

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
124

UCEAP Course Suffix

UCEAP Official Title
INFORMATION SECURITY

UCEAP Transcript Title
INFORMATN SECURITY

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course covers information security and alternatives for protecting secret information from malicious digital attacks. The course examines various information protection devices and the principles, mechanisms, and implementations of computer security,

Topics include Security concepts and principles, Software security – exploits and privilege escalation, User authentication, Operating systems security, Access control, Secure design and coding exercises, Cryptographic building blocks, Malicious software, GitCTF Competition, Web and browser security, Open source security and more.

Language(s) of Instruction
English

Host Institution Course Number
COSE354

Host Institution Course Title
INFORMATION SECURITY

Host Institution Course Details
https://sugang.korea.ac.kr

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2025-2026

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