COURSE DETAIL

INFORMATION SYSTEM SECURITY

Country
China

Host Institution
Fudan University

Program(s)
Fudan University

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
166

UCEAP Course Suffix

UCEAP Official Title
INFORMATION SYSTEM SECURITY

UCEAP Transcript Title
INFO SYST SECURITY

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course introduces the basic concepts of information system security and the design principles of classic information system security mechanisms, systematically discussing security threats and corresponding system security protection strategies from two aspects: security analysis technology and security protection mechanism. Information system vulnerabilities and malicious behavior analysis techniques, authentication, information protection and isolation mechanisms, access control and other security protection mechanisms are discussed. Using the latest data processing application software as an example, the course analyzes the use of information system security technology, combining case analysis and course experiments, and analyzes the security mechanism design of mainstream information systems and common security detection and security defense technologies.

Language(s) of Instruction
Chinese

Host Institution Course Number
COMP130166

Host Institution Course Title
INFORMATION SYSTEM SECURITY

Host Institution Campus

Host Institution Faculty
Zhe ZHOU

Host Institution Degree

Host Institution Department
Computer Science and Technology

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