COURSE DETAIL

BASICS OF CRYPTOGRAPHY
Country China
Host Institution Tsinghua University
Program(s) Tsinghua University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 124
UCEAP Course Suffix
UCEAP Official Title BASICS OF CRYPTOGRAPHY
UCEAP Transcript Title BASICS OF CRYTOGRPH
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

We will cover the basic concepts in modern cryptography. The contents include one-way functions, encryption, pseudorandomness, digital signature, interactive protocols, zero-knowledge proofs, multiparty computation, homomorphic encryption, and program obfuscation.

Language(s) of Instruction
English

Host Institution Course Number
40470024

Host Institution Course Title
BASICS OF CRYPTOGRAPHY

Host Institution Course Details
http://www.chenyilei.net/cryptography-s2024.html

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2023-2024

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