

COURSE DETAIL

BLOCKCHAIN TECHNOLOGY

Country

Singapore

Host Institution

Singapore University of Technology and Design

Program(s)

Singapore University of Technology and Design

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

135

UCEAP Course Suffix**UCEAP Official Title**

BLOCKCHAIN TECHNOLOGY

UCEAP Transcript Title

BLOCKCHAIN TECH

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

Decentralized blockchain-based systems, such as Bitcoin and Ethereum, are successful beyond all expectations. Although still in their infancy, they promise to revolutionize how we think of financial, information, and other infrastructures. This course covers the technical aspects of public distributed ledgers, blockchain systems, cryptocurrencies, and smart contracts. It covers how these systems are built, how to interact with them, and how to design and build secure distributed applications.

Language(s) of Instruction

English

Host Institution Course Number

50.037

Host Institution Course Title

BLOCKCHAIN TECHNOLOGY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Information Systems Technology and Design

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