

COURSE DETAIL

CYBER SECURITY

Country

New Zealand

Host Institution

University of Auckland

Program(s)

University of Auckland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

116

UCEAP Course Suffix**UCEAP Official Title**

CYBER SECURITY

UCEAP Transcript Title

CYBER SECURITY

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines various concepts related to software, system and network security. It covers a range of topics including attacks on privacy and attack surface, static and dynamic analysis of malware, hardware security (trusted computing base, secure boot, and attestation), network security and some hot topics in cryptography including elliptic curve, blockchain and bitcoin.

Language(s) of Instruction

English

Host Institution Course Number

COMPSCI 316

Host Institution Course Title

CYBER SECURITY

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Science

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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