

COURSE DETAIL

COMPUTER PROGRAMMING

Country

Taiwan

Host Institution

National Taiwan University

Program(s)

National Taiwan University

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

17

UCEAP Course Suffix**UCEAP Official Title**

COMPUTER PROGRAMMING

UCEAP Transcript Title

COMPUTER PROGRAMNG

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

This course begins with an introduction to the evolution of computers and their operating principles. It then gradually guides students to become familiar with programming structures and application design processes, including: basic syntax, flow control, exception handling, input/output, and classes. The course topics are as follows: Introduction Python Basics Flow Control Functions Sequence, Dictionary, and Set Array-Oriented Programming with NumPy File, and Exception Object-Oriented Programming.

Language(s) of Instruction

Chinese

Host Institution Course Number

EE4052

Host Institution Course Title

COMPUTER PROGRAMMING

Host Institution Course Details

<https://course.ntu.edu.tw/en/courses/114-2/48389>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Electrical Engineering & Computer Science

Course Last Reviewed

2025-2026

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