

## COURSE DETAIL

### C++ PROGRAMMING

**Country**

China

**Host Institution**

Tsinghua University

**Program(s)**

Tsinghua University

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

40

**UCEAP Course Suffix****UCEAP Official Title**

C++ PROGRAMMING

**UCEAP Transcript Title**

C++ PROGRAMMING

**UCEAP Quarter Units**

4.50

**UCEAP Semester Units**

3.00

## Course Description

This course serves as an introductory course to high-level language programming, specifically designed for students with no prior experience. It can also act as a foundational course for other information-related subjects. The goal is for students to grasp the fundamental concepts and methods of object-oriented programming, understand the basic syntax and programming techniques of C++, learn to use integrated development environments, master program debugging methods, gain a preliminary understanding of common data structures and non-numerical algorithms, and get an initial introduction to the usage of the C++ Standard Template Library (STL).

## Language(s) of Instruction

Chinese

## Host Institution Course Number

00740043

## Host Institution Course Title

C++ PROGRAMMING

## Host Institution Course Details

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

## Course Last Reviewed

2024-2025

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