



香港資優教育學苑
The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助
Subvented by the Education Bureau, The Government of the HKSAR

A4CSC004C

(Token- required)

Computing Course (Level IV):

To Learn Cloud Computing from Scratch (Phase 2)

Instructor (College of Life Sciences and Technology, HKUSPACE)



Application Deadline

14 Aug 2023 12:00 noon

Intended Learning Outcomes

Upon completion of the programme, participants should be able to:

1. understand fundamental computing components like computational resources, operating system, networks, security and storage.
2. understand how computing components are provisioned and how cloud computing enhances these functions.
3. understand how computing components are used to the provision of real-life applications/services.
4. demonstrate the setting up and/or testing of various computing components.
5. perform technology literacy.

Result Release

17 Aug 2023



◆ Introduction

Attention please, Phase 1 Cloud Computing Programme Graduates! Are you ready to take your Cloud Computing Skills to the next level? In Phase 2, you will dive deeper from hardware, software, networking components, virtualization, private/public/hybrid cloud, to IaaS/PaaS/FaaS/SaaS/Serverless Computing. You'll also gain hands-on experience in HTML/CSS/JS modification, VM installation, using command-line interfaces, and more.

In this Phase, we also covers frequently-used server-side applications, elastic computing, networking concepts, cloud networking, and cloud storage. You'll even get to apply your learnings in real-life cloud environments through a series of lab exercises, where you'll interact with cloud servers, configure Ubuntu servers and profiles, and build cloud messaging services.

Phase 1: Nov 2022 - Jan 2023 [Certified by the QF (Level 2)]	Phase 2: Oct 2023 – Dec 2023 [Certified by the QF (Level 2)]	Phase 3: Mar 2024 – May 2024 [Certified by the QF (Level 3)]
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*This course is divided into three levels. After the participants are assessed and successfully meet the relevant requirements, students will be certified by the [Qualifications Framework](#) and promoted to the next level.

Session	Date	Time	Venue
1	7/10/2023	9:30 a.m. – 12:30 p.m.	On HKAGE campus * One of the session would be an outing session. Date is to be confirmed.
2	14/10/2023		
3	21/10/2023		
4	28/10/2023		
5	04/11/2023		
6	11/11/2023		
7	18/11/2023		
8	25/11/2023		
9	2/12/2023		
10	9/12/2023		
11	16/12/2023		

◆ Target Participants

- HKAGE student members who have completed Phase 1 (A4CSC004C) in 2022/23 school year & obtained the certificate from HKUSPACE; AND
- S2 to S4 HKAGE student members in 2023/24 school year
- Class size: 30

◆ Medium of Instruction

Cantonese with English & Chinese Handouts

◆ Certificate

Participants must meet the following requirements to be considered qualified and obtained the “Certificate of Module – Fundamental Cloud Computing Technology” with QF2 attainment issued by HKUSPACE:

- attended at least 7 sessions (The outing session is not included in the calculation); and
- 50% or above in the overall assessment [MC tests (accounting for 60% of the overall score) and lab tasks (accounting for 40% of the overall score)].

◆ Enquiries

☎ 3940 0101

✉ programme@hkage.org.hk