



A4CSC004C

(Token- required)

Computing Course (Level IV):

# To Learn Cloud Computing from Scratch (Phase 1)

Instructors (College of Life Sciences and Technology, HKU SPACE)



**Application Deadline**

**14 Oct 2022 12:00 noon**

**Result Release**

**20 Oct 2022**

## Intended Learning Outcomes

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

1. Describe the basic elements, applications and operations of Cloud Computing;
2. Compare different types of Cloud Computing and operating models;
3. Outline the advantages and disadvantages of different Cloud platforms and the state of the Cloud Computing market;
4. Explain Cloud Computing concerns, cost management, development and operations (DevOps) principles;
5. Demonstrate data literacy skills.



## ◆ Introduction

I believe everyone has heard or even used “Google Drive” and “Dropbox”. These examples of Cloud Computing applications have had a significant impact on our daily lives, not only bringing convenience to the public, but also helping businesses to save costs and improve efficiency.

This course is divided into three levels. After the participants are assessed and successfully meet the relevant requirements, they will be certified by the [Qualifications Framework \(Level 2\)](#) and promoted to the next level. The course covers the basic theory and technology of cloud computing, as well as the applications in real life. Activities included: Open-ended discussions, hands-on activities, group research and presentations, and extra-curricular experiences to strengthen students' higher-order thinking, creativity and problem-solving skills, and to gain more comprehensive training in soft skills and deepen their understanding of the technology industry.

Phase 1: Nov 2022 - Jan 2023 [Certified by the <a href="#">QF (Level 2)</a> .]	Phase 2: Oct 2023 - Dec 2023 [Certified by the <a href="#">QF (Level 2)</a> .]	Phase 3: Oct 2024 - Dec 2024 [Certified by the <a href="#">QF (Level 3)</a> .]
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## ◆ Schedule (Phase 1)

Session	Date	Time	Venue
1	5 Nov 2022	9:30 a.m. - 12:30 p.m.	On HKAGE campus (Rooms are to-be-confirmed)  * 10 Dec would be an outing session.
2	12 Nov 2022		
3	19 Nov 2022		
4	26 Nov 2022		
5	3 Dec 2022		
6	*10 Dec 2022		
7	17 Dec 2022		
8	24 Dec 2022		
9	31 Dec 2022		
10	7 Jan 2023		
11	14 Jan 2023		

## ◆ Target Participants

- S1 to S3 HKAGE student members only in 2022/23 school year
- Class size: 30

## ◆ Certificate

Participants must meet the following requirements to be considered qualified and obtained the certificate issued by HKU SPACE:

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

## ◆ Medium of Instruction

Cantonese with English & Chinese Handouts

## ◆ Screening

Please answer the screening question in the online application form.

\*The screening question is designed to help the applicant understand the course level and the course content. The question must be answered by the student applicant and it can only be attempted once. The answer cannot be changed once the application is submitted. Selection is based on students' performance in answering the question.

## ◆ Remarks

Participants are required to bring their own laptop for each lesson (Tablets are not recommended. For further assistance, please contact us).

## ◆ Enquiries

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