



Computer Science for All (TECP1411)

Introduction

We are living in a world surrounded by technology, we should try to equip with the skills to not just use the technology, but to make it work for us. This course will be taught with game based learning approach, by using non-digital and digital games to challenge students' problem solving and independent thinking abilities as well as computer knowledge.

Programme Type / Level

Computer Programming Course (Level 1) ([Token-required](#))

Instructor(s)

Ms. Hui Chung Yan, FifthWisdom Technology Limited and Teachers of iFuture Education Association

Pre-requisite

No special prerequisites are needed.

Target Participants



- P4 to P6 HKAGE student members
- Class size: 30

Medium of Instruction



English with English handouts

Certificate



Certificate will be awarded to participants who have:

- ❖ Attended **AT LEAST 3** sessions AND
- ❖ Completed all the assignments with satisfactory performance

Intended Learning Outcomes



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

1. Introduce different concepts of computer science and art of programming;
2. Experience robotics and program intelligent robots;
3. Understand game design development and production;
4. Enhance students' creativity, logical thinking, problem solving, communicating and collaboration skills;

Screening



Please answer the screening question in the online application form.

*The screening question is designed to help the applicant understands 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. Only students who can demonstrate motivation and the knowledge of computer in the screening question can be enrolled in the programme.

Application Deadline

22 August, 2016

Application Result Release Date

2 September, 2016

Student members may withdraw from the programme on or before the deadline. Otherwise, the token will be deducted.

Schedule



Session	Date	Time	Venue (HKAGE)
1	5 Nov	9:30 a.m. – 12:30 p.m.	Room 403
2		2:00 p.m. – 5:00 p.m.	
3	12 Nov	9:30 a.m. – 12:30 p.m.	
4		2:00 p.m. – 5:00 p.m.	

Enquiries



For enquiries, please contact us at 3940 0178 or 3940 0189.