E2TEC001W
(Token- required)

Technology Workshop (Level II):
Innovative Applications of Engineering Techniques

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Application Deadline
20 Jan 2023 12:00 noon

Result Release
27 Jan 2023

Intended Learning Outcomes

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

1. describe the innovative applications of engineering technologies;

2. carry out hands-on practices on selected project(s);

3. develop an open and creative mindset for innovative technologies.

If student members withdraw from the programme after the Application Deadline, the token will be deducted.

◆ Introduction

This workshop demonstrates a number of innovative applications of engineering technologies. The university-level projects belong to the areas of artificial intelligence, internet of things, digital signal processing, wearable devices, and energy saving, etc. Every student will have the opportunity to carry out hands-on practices on his/her interested project(s) in the workshop.

Department of Electronic Engineering (EE), the Chinese University of Hong Kong (CUHK), was established in 1970 by Professor Charles Kao (the Father of Fibre Optics). The department is ranked No. 1 in Hong Kong by the ARWU's Global Ranking of Academic Subjects 2017. The EE undergraduate programme covers a wide range of topics – a brief overview will also be given in the workshop.

◆ Schedule

Session	Date	Time	Venue
1	22 Apr 2023 (Saturday)	10:00 a.m. – 12:00 noon (Please arrive at 9:45 a.m. for registration)	Room 231, Ho Sin-Hang Engineering Building, The Chinese University of Hong Kong (MAP)

◆ Target Participants

- S1 – S6 HKAGE student members only in 2022/23 school year
- Class size: 40

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

English

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended the session; AND
- completed all the assignments with satisfactory performance.

◆ Enquiries 📞 3940 0101 ✉ programme@hkage.org.hk

◆ Application Procedure

This programme is Programmes with No Screening.

There are no screening questions, written test or other screening methods for this type of programmes.

- Student members can select up to 5 programmes from a list of selection. Applicants have to state the priority when submitting the application. (1st priority, 2nd priority, 3rd priority, etc). 1 token is required for each programme.

  (For programme list, please refer to the latest Programme Schedule here);

- The application can only be submitted once. After submission of the application, the programme selection and the priority cannot be changed;

- If a student member removes a programme from the application before the application deadline by withdrawal, the choice priority will remain unchanged. (For example: A student has selected three programmes and removed the programme with the 1st priority from the application. The choices of 2nd and 3rd priority will remain unchanged with no promotion in priority);

- We will select the students based on the student's choice of priorities and a randomly generated selection by the computer system. If there is time clash between the applied programme and other programmes with offer, HKAGE will consider if the application will be accepted;

- Student members should avoid applying programmes with time clash;

- The decision of HKAGE on the result of selection should be final.