[Gifted Programme]

E2TEC001W, E2TEC001W-2
(Token- required)

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

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Application Deadline
26 Aug 2024 12:00 noon

Result Release
30 Aug 2024

Intended Learning Outcomes

Upon completion of the gifted programme, gifted students 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.

◆ Gifted Programme 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 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

Class A (E2TEC001W, English)

Session	Date	Time	Venue
A1	23 Nov 2024 (Sat)	10:00 a.m. – 12:30 p.m.	Room 231, Ho Sin-Hang Engineering Building, CUHK (MAP)

Class B (E2TEC001W-2, Cantonese)

Session	Date	Time	Venue
B1	23 Nov 2024 (Sat)	2:00 p.m. – 4:30 p.m.	Room 231, Ho Sin-Hang Engineering Building, CUHK (MAP)

Remark: Interested student please apply at either Class A (E2TEC001W) or Class B (E2TEC001W-2) only.

◆ Suitable for

- S1 – S6 HKAGE student members in 2024/25 school year.
- Class size: 40 for Class A, 40 for Class B, totally 80.
- Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

- Class A (E2TEC001W): English with English handouts
- Class B (E2TEC001W-2): Cantonese with English handouts

◆ Certificate

E-Certificate will be awarded to gifted students who have:

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