



STEM Workshop (Level II):

Innovative Technology in Smart City

Logistics and Supply Chain MultiTech R&D Centre Limited



Intended Learning Outcomes

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

1. explain how innovative technology can be applied to build a smart city;
2. develop an open and creative mindset to make new ideas for smart city applications.



◆ Introduction

The workshop is to promote the students' interest in innovative technology and smart city. We would like to showcase how the technology can be creatively applied in the city for the benefit of the people. Hence, the students can be inspired to use their imagination and creativity to generate other innovative smart city application ideas.

Logistics and Supply Chain MultiTech R&D Centre (LSCM) was founded in 2006 with funding from the Innovation and Technology Fund of the Government of the Hong Kong Special Administrative Region. Since its inception, LSCM's mission has been to foster the development of core competencies in logistics and supply chain related technologies in Hong Kong, and to facilitate the adoption of these technologies by industries in Hong Kong as well as Mainland China.

◆ Schedule

Session	Date	Time	Venue
1	23 Aug	10:00 a.m. – 12:00 noon	Logistics and Supply Chain MultiTech R&D Centre Limited Unit 1616-1620, No. 19 Science Park West Avenue, Hong Kong Science Park, Shatin (Location)

◆ Target Participants

- S1 to S6 HKAGE student members only in 2021/22 school year
- Class size: 30

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

Cantonese

◆ Certificate

E-Certificate will be awarded to participants who have:

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



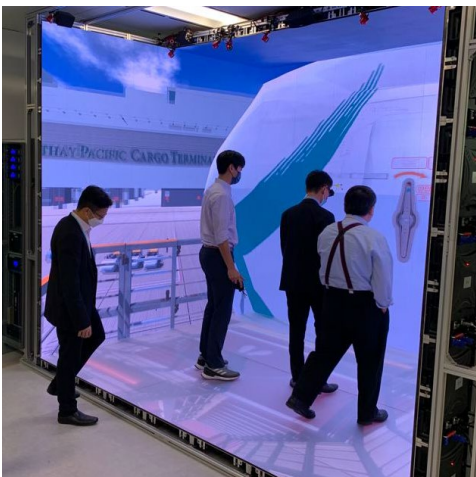
◆ Technology Products



Tele-Control Warehouse Stackers Using 5G



Robotic Kitchen for Elderly



VA Cave



Follow-Me Robots



Voice Control Robotic Arm



Smart Service Robot



◆ 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.