



E1STM003C

(Token- required)

Advanced Forensic Science Course (Level I)

Advanced Forensic Science of Sherlock Holmes

Mr. Felix Tse

(Science World Limited)



Application Deadline
5 May 2023 12:00 noon

Result Release
10 May 2023

Intended Learning Outcomes

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

1. explain the basic scientific theories behind crime scene investigation methods, such as autopsy, DNA analysis, fingerprint analysis, dental forensics, bloodstain analysis, handwriting analysis, footprint analysis, facial reconstruction, cryptography, fiber analysis, forensic ballistics, toxic analysis;
2. analyse sample evidence with careful observation, logical thinking and problem solving skills;
3. design an investigation to solve one simulated criminal case with the learned knowledge and skills;
4. describe the preparation and requirement for a forensic scientist.



◆ Introduction

Law enforcers do not have a time machine to travel back in time to witness the crime or the accident. Nevertheless, they still find out what exactly happened at the crime scene with forensic science. In this programme, students will learn about various common forensic techniques, such as fingerprint analysis, teeth analysis, bloodstain pattern analysis, etc. Students will apply those techniques in a sample case with crime scene mysteries waiting for you to solve.

◆ Schedule

Session	Date	Time	Venue
1	15 July	9:00 a.m. – 12:00 noon 1:00 p.m. – 4:00 p.m.	Physics laboratory, 4/F Buddhist Kok Kwong Secondary School (TBC)
2			
3	22 July		
4			

◆ Target Participants

- P4 to P6 HKAGE student members in 2022/23 school year
- Class size: 30
- Priority will be given to students who have completed Forensic Science Course (Level 1): Crime Scene Investigation (E1STM002C or E1STM002C-2)

◆ Pre-requisite

No special prerequisites are needed

◆ Medium of Instruction

Cantonese with 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. Only students who can demonstrate motivation and the knowledge of STEM in the screening question can be enrolled in the programme

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended at least 3 sessions; AND
- completed all the assignments with satisfactory performance