



E1AST005C

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Astronomy Course (Level I)

Analysing the Universe

Patrick Tseng



Application Deadline
26 Jul 2023 12:00 noon

Intended Learning Outcomes

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

1. grasp the general categories of the celestial objects and their relative sizes and distance from Earth;
2. utilize apps and websites to investigate and understand the multiple facets of eclipses;
3. explain the concept of black holes and the merging of blackholes (gravitational waves);
4. use a telescope to observe celestial objects and identify major constellations in the night sky.

Result Release
28 Jul 2023

◆ Introduction

This is a trip to understand the universe that we live in with the help of using planetarium simulation, telescopic observation, AR technology, hands-on models and even real celestial objects to make the learning and understanding of the celestial objects more tangible and realistic.

Student members will be able to learn about the size of the universe, up-to-scale model of the solar system, an in-depth understanding of eclipses, an introduction of blackhole and a taste of real stargazing (subject to weather condition for adjustment).

This programme is co-organized with Baptist (STW) Lui Ming Choi Primary School.

◆ Schedule

Session	Date	Time	Venue
1	17 Aug (Thu)	2:00 p.m. – 5:00 p.m.	Baptist (STW) Lui Ming Choi Primary School (Classroom to be confirmed)
2	18 Aug (Fri)	2:00 p.m. – 5:00 p.m.	
3	21 Aug (Mon)	6:00 p.m. – 9:00 p.m.	
4	22 Aug (Tue)	6:00 p.m. – 9:00 p.m.	

◆ Target Participants

- P4 – P6 HKAGE student members in 2022/23 school year.
- Class size: 30
- 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

Cantonese with Chinese / English handouts

◆ Certificate

E-Certificate will be awarded to participants who have:

- attended **AT LEAST 3 sessions**; AND
- completed all the assignments with satisfactory performance