



香港資優教育學苑

The Hong Kong Academy for Gifted Education

香港特別行政區政府教育局資助

Subvented by the Education Bureau, the Government of the HKSAR

C2CMD001C

(Token- required)

[ **Gifted Programme** ]

**Creative Media Course (Level II)**

# **Digital Game Design (Introduction) - Aspects of Nature Conservation and Heritage Conservation in Hong Kong**

Astro Heart Limited



**Application Deadline**  
**24 Jul 2024 12:00 noon**

**Result Release**  
**25 Jul 2024**

## **Intended Learning Outcomes**

Upon completion of the gifted programme, gifted students should be able to:

1. illustrate basic concepts of digital game production;
2. use the game engines, applications, and 3D model to create game interfaces and levels;
3. enhance the understanding of nature and heritage conservation in Hong Kong;
4. recognise the importance and urgency of conserving the ecological environment and historical and cultural heritage;
5. foster a stronger desire to pursue further studies in game design and related disciplines.

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

## ◆ Gifted Programme Introduction

This course will provide students with an understanding of basic digital game production concepts and how to create digital games using basic 3D animation techniques. Upon completion of the programme, students should be able to create simple digital game levels. This programme will also help students to understand nature conservation and heritage protection in Hong Kong through theme study.

Course content includes: Introduction of game production and engine tools, basic production concepts, AI, programming fundamentals, 3D software applications, and individual game design exercises.

## ◆ Schedule

Session	Date	Time	Venue
1	6 Aug	3:30 p.m. – 6:00 p.m.	Education Centre of Astro Heart Limited, Room 809, 8/F, Kwai Cheong Centre, 50 Kwai Cheong Road, Kwai Chung, N.T.  <a href="#">(Google Map)</a>
2	9 Aug	3:30 p.m. – 6:00 p.m.	
3	13 Aug	3:30 p.m. – 6:00 p.m.	
4	16 Aug	3:30 p.m. – 6:00 p.m.	
5	20 Aug	3:30 p.m. – 6:00 p.m.	
6	23 Aug	3:30 p.m. – 6:00 p.m.	
7	27 Aug	3:30 p.m. – 6:00 p.m.	
8	30 Aug	3:30 p.m. – 6:00 p.m.	

## ◆ Suitable for

- S1 to S6 HKAGE student members
- Class size: 17
- Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

## ◆ Medium of Instruction

Cantonese with Chinese (Supplemented with English) Handouts

## ◆ Pre-requisite

Students should be able to:

- master basic computer operations

## ◆ Certificate

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

- attended at least 6 sessions; and
- completed all the assignments with satisfactory performance

## ◆ Sample Notes

