



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



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E1ESP002C

[\(Token- required\)](#)

[**Gifted Programme**]

Esports Course (Level I)

Racing Simulation - Skills, Culture, and Growth

Representative from Hong Kong Racing School for Motorsports Ltd



Application Deadline
10 Nov 2025 12:00 noon

Result Release
21 Nov 2025

Intended Learning Outcomes

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

1. explain how racing simulators rely on automotive aerodynamics, software algorithms, and hardware engineering—and their role in professional training;
2. demonstrate simulator control by applying kinetic energy, friction, and system latency principles to shave lap times;
3. propose solutions to real racing-industry challenges (e.g., energy efficiency, driver safety) using STEAM methodologies;
4. recognize the cultural importance and ethical standards of the racing community.

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

◆ Gifted Programme Introduction

This course is designed for students interested in gaming and racing. Students will explore the history and current trends of eSports and racing simulations. Students apply aerodynamics, friction, and kinetic energy principles to optimize virtual driving. Using racing simulators, they will develop essential driving skills on basic circuits with accuracy and confidence. They'll solve real-world challenges like energy efficiency and safety using STEAM methodologies and examine racing's ethical dimensions. Through teamwork and collaboration, students will engage in exciting challenges, gaining practical experience that prepares them for future pursuits in gaming and technology while enhancing their understanding of the racing world.

◆ Schedule

Session	Date	Time	Venue
1	20 Feb	1:00 p.m. – 4:00 p.m.	Hong Kong Racing School Room 4E, Continental Electric Industrial Building, 17 Wang Chiu Road, Kowloon Bay, Kowloon, Hong Kong
2	21 Feb		
3	28 Feb		
4	7 Mar		

◆ Suitable for

- S1 – S3 HKAGE student members in 2025/26 school year.
- Class size: 24
- 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 handouts

◆ Certificate

E-Certificate will be awarded to participantss who have:

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