



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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A4AVI002C

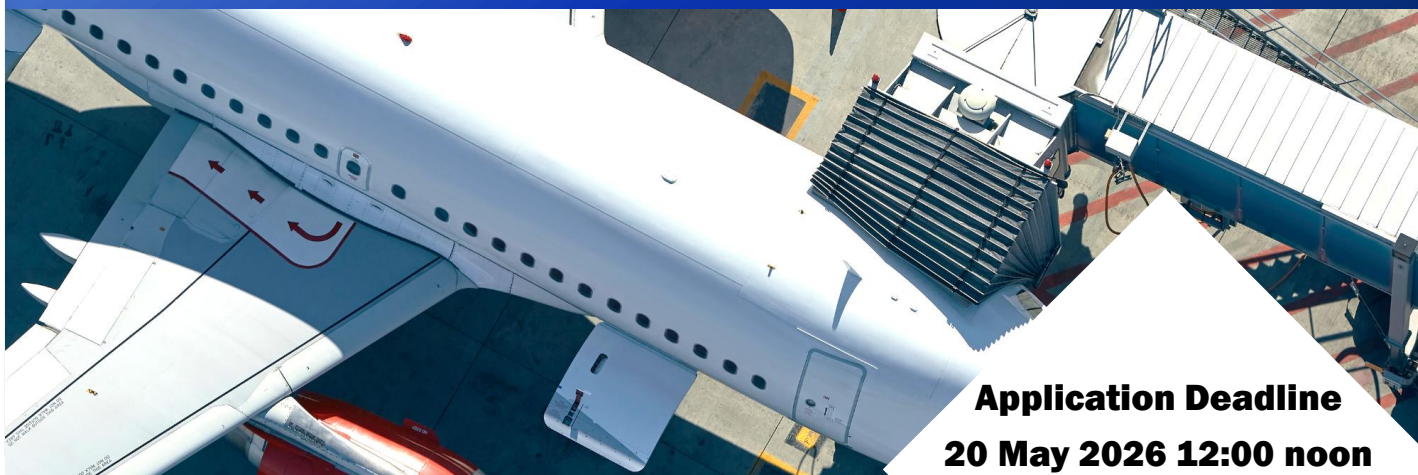
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[**Gifted Programme**]

Aviation Course (Level IV)

Exploring Aviation Frontiers (Phase II)

The Hong Kong International Aviation Academy (HKIAA)
Aircraft Engineering and Piloting



Application Deadline
20 May 2026 12:00 noon

Result Release
21 May 2026

Intended Learning Outcomes

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

1. apply basic aerodynamic principles and engineering concepts through interactive workshops;
2. explain main aircraft systems and maintenance procedures based on industry standards;
3. create and assess flight plans using aviation communication terminology and project-based exercises;
4. exhibit safety awareness, discipline and respect for collaboration throughout piloting and engineering tasks.

◆ Gifted Programme Introduction

Discover the dynamic world of aviation through this immersive programme designed for aviation enthusiasts. Participants will gain hands-on knowledge of aircraft engineering and piloting through lectures, interactive workshops, and airport site visits.

The tentative schedule are as below for reference.

◆ Schedule

Session		Language	Date	Time	Venue
1	Lecture	Basic Aerodynamics	27 Jun (Sat)	9:00am – 1:00pm	1HKIAA
2	Interactive Workshop			2:00pm – 6:00pm	
3	Lecture	Aircraft Maintenance Industry	04 Jul (Sat)	9:00am – 1:00pm	
4	Site Visit			2:00pm – 6:00pm	
5	Lecture	Flight Plan	11 Jul (Sat)	9:00am – 1:00pm	
6	Interactive Workshop			2:00pm – 6:00pm	
7	Lecture	Principle of flying	20 Jul (Mon)	9:00am – 1:00pm	
8	Site Visit			2:00pm – 6:00pm	

¹ Address: Hong Kong International Aviation Academy

9/F, HKIA Community Building, 13 Cheong Tat Road, Hong Kong International Airport

◆ Content of this Module

Day 1 (27 Jun) :

- Basic aerodynamics
- Aircraft general knowledge and theory of flight
- Aircraft Engineering inspection check
- Interactive Workshop - Aircraft modelling competition

Day 2 (04 Jul) :

- Airport ramp safety
- Aircraft maintenance industry in Hong Kong
- Site Visit

Day 3 (11 Jul) :

- Aircraft structure
- Interactive Workshop - Flight Plan

Day 4 (20 Jul):

- Principle of flying
- Site Visit
- Group Presentation / Exercise

◆ Suitable for

S2- S6 HKAGE student members in 2025/26 school year

- Priority will be given to:
 - Students who have completed the Phase I (A4AVI001C) with satisfactory performance
 - Students who have completed the aviation programme provided by HKIAA with satisfactory performance
- Class size: 20

◆ Medium of Instruction

Cantonese / English

◆ Certificate

E-Certificate will be awarded to participants who have:

- Attended at least 6 sessions; AND
- Completed all the assignments with satisfactory performance