



A4AVI007C

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[Gifted Programme]

Aviation Course (Level IV)

Soaring Through the Clouds, Piloting with Skill (Phase I)

The Hong Kong International Aviation Academy (HKIAA)
Introduction in Aviation Operation



Application Deadline
9 Apr 2025 12:00 noon

Result Release
10 Apr 2025

Intended Learning Outcomes

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

1. describe fundamental knowledge of aviation industry;
2. describe basic concepts of Air Traffic Control;
3. recognize basic principles and theories of aircraft engineering;
4. initiate students' interest in the aviation industry.

◆ Introduction

Course Introduction

This course provides participants with fundamental aviation knowledge, in particular, Airport Overview, Air Traffic Control and Aircraft Engineering through lectures, class activities and visits at the airport.

The course consists of Two phases. The selection is based on students' performance in the final assessment at the end of each phase. The tentative schedule are as below for reference.

Phase 2: July 2025 (Tentative)

◆ Schedule (Phase 1)

	Session		Date	Time	Venue
1	Lecture	Airport and Aviation Industry	17 Apr (Thu)	9:00am – 1:00pm	¹ HKIAA
2	Simulator Demonstration	& Air Traffic Control		2:00pm – 6:00pm	
3	Lecture	Aircraft Engineering &	10 May (Sat)	9:00am – 1:00pm	
4	Interactive Exercise	Basic Theory of Flight		2:00pm – 6:00pm	
5	Lecture	Aircraft Engineering	17 May (Sat)	9:00am – 1:00pm	
6	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 (17 Apr) :

- Overview of Airport and Aviation Industry
- Career Pathway in the Aviation Industry
- Air Traffic Control
- Air Traffic Control Simulator Demonstration

Day 2 (10 May) :

- Aircraft Engineering
- Theory of Flight
- Interactive Exercise

Day 3 (17 May) :

- Aircraft Engineering
- Oral Presentation
- Site Visit

◆ Medium of Instruction

English

◆ Suitable for

S1 – S6 HKAGE student members in 2024/25 school year

- * Priority will be given to S3 – S6 student members
- Class size: 40

Student members would be selected randomly by the computer system. The decision of HKAGE on the result of the selection should be final.

◆ Submitted Documents

- One student's photo with white background
- HKID e-copy
- The above documents will only be used to register visitor passes for entry into the restricted area. The personal data of unsuccessful applicants will be disposed of.
- For details, please refer to the Annex I.

◆ Certificate

E-Certificate will be awarded to participants who have:

- Fulfilled 80% attendance of the programme; AND
- Completed all the assignments with satisfactory performance