

## Advanced Aviation Education Programme (Helicopter) 2024 Integrated Aviation Programme

Version 1.4

### 1. Programme's Aim and Objectives

The non-profitable/self-financed integrated aviation programme aims to introduce the world of aviation to those who wish to learn more about the pilot training, latest aviation technology and development.

The objectives are to introduce and to promote a pilot's:

- Attitude (Willingness to share, considerates, respect, etc)
- Discipline (Punctuality, compliance with rules and regulations, etc)
- Habit (Read aviation weather, aviation news regularly)
- Mindset (Passion in flying, creativity, plan for possible emergency, 5P, positive thinking, etc)
- Communication (Effective communication, proficiency in English speaking and listening, etc)

With reference to Australian Private Pilot Licence (PPL), Commercial Pilot Licence (CPL) and Airline Transport Pilot Licence (ATPL) training syllabi, the programme aims to provide a wide range of aviation and helicopter knowledge

### 2. Eligibility

The programme is open to HKACC members, HK Polytechnic University students and the general public aged 18 or above. (Applicants from public are required to enroll as HKACC Associate Member upon successful admission to the programme) A reasonable understanding of English with science academic background is desirable.

\*Applicants who have attended any aviation programme or course may have an advantage but it is not necessary

### 3. Programme Features

1.1 Hands on flight experience with Fixed-wing/Airbus Simulator and Helicopter Simulator

1.2 Programme project assignment – Aviation Day

1.3 Promoting an “Aviation English Culture” most of the activities/lecture briefing and debriefing will be conducted in English or bilingual

1.4 Training Visits to aviation related organizations and companies

1.5 Pilot attitude and mindset Outdoor Training Day Camp (3 Nov & 24 Nov 2024)

1.6 CPP Session - Airlines and GFS pilot sharing session

Note :

\*Visits are subject to approval of hosting organizations

\*Quota for each visit is limited and students may be subject to group or individual assessment before enrolment

\*Visits and outdoor activities will usually be conducted during weekday, Saturday and Sunday day time.

However owing to the 24-hour operation of some flight simulators, there is a chance candidates are required to attend sim session during odd hours

\*Candidates are required to submit health declaration for Pilot Attitude and Mindset Training Day Camp

\*Candidates are required to submit visit report after each training visit

\*Candidates are required to dress in business attire for visit activities, training day and specific function or events

#### **\*Business Attire Standard :**

Male - Black or dark colour suit, trousers, white colour shirt, tie and dark colour shoes

Female – Black or dark colour suit, trousers, white colour shirt and dark colour shoes

### Programme Structure

Candidates are required to obtain a full understanding of the following subjects in two separate Modules.

#### **MODULE ONE**

No.	Subjects for the Examinations	No. of Session
1	Aerodynamics (Helicopter)	4
2	Technical Knowledge (Fixed-wing/helicopter)	3
3	Air Law	2
4	Meteorology	2

5	Module One Examination	1
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## MODULE TWO

1	Air Navigation	3
2	Flight Performance and Loading (Helicopter)	2
3	Radio Telephony	1
4	Human Performance & Limitation	2
5	Module Two Examination	1

### 4. Programme

Programme Period : 5 Oct 2024 – 27 Jun 2025

Classroom Lecture : Every Sat 1515-1745

CPP Session : Week day evening or Sat afternoon

Note : There may have a chance the lectures may be changed to weekday evening subject to classroom and instructors' availability

### 5. Method of Training

Classroom lectures, assignments, reports, group presentation, visit and outdoor training session

Teaching language will be Cantonese or English or bilingual

**\*Applicants are required to understand both Cantonese and English**

### 6. Assessment

There are two examinations to be conducted at the end of each module respectively. Each module examination comprises 4 subjects.

Pass mark for each subject : 50 %

### 7. Recognition

Candidates who have passed the 8 subjects will be awarded "Certificate of Achievement" issued by HKACC.

Candidates who have achieved 70% in each of the 8 subjects will be awarded "**Certificate of Achievement with Distinction**"

HKACC cadets who have completed the programme could apply for parallel recognition of all aviation subjects required for the Senior Cadet and Staff Cadet classifications.

Best performed candidate in examination will be awarded "**Outstanding Candidate Award**"

### 8. Scholarships

A numbers of scholarships will be presented to the candidates with best performance

FTA Award : Helicopter (CB300i) Familiarization Course at Australia Flight Training Adelaide (FTA) and

Return air ticket sponsored by Cathay Pacific Airways

FTA Award : Fixed-wing (DA40) Familiarization Course at Australia Flight Training Adelaide (FTA) and

Return air ticket sponsored by Cathay Pacific Airways

Flying Scholarship : Helicopter and Fixed-wing flight training at Australia Flight Training Adelaide (FTA) and

return air ticket sponsored by Cathay Pacific Airways

Scholarship : Flight Simulator Familiarization Course (Airbus)

Scholarship : Flight Simulator Familiarization Course (Helicopter)

Scholarship : MD902 Helicopter Flight Experience

### 9. Programme Fee

**General Public (Required to enroll as HKACC Associate Member) : \$6000+\$30**

**HKACC Senior Member (21 of age or above as at the programme commencement date) : \$5000**

**HK Polytechnic University students (Required to enroll as HKACC Associate Member) : \$4500+\$30**

**HKACC Cadet Member (Below 21 of age as at the programme commencement date) : \$4000**

\*Programme fee included one ebook (Helicopter Flight Dynamics)

\*The programme fee is used to cover the operating cost of programme, sim training, scholarship and graduation dinner, etc

\*All programme staff and instructors are **volunteers** without any remuneration

\*Programme fee will not be refundable after the applicants are accepted to join the programme

\*Enrolment fee of \$30 is applicable for applicants from **general public** and **Polytechnics University students** to enroll as HKACC Associate Member (**A separate cheque is required**)

### 10. Application Procedure

Please complete and send the below items to Headquarters of HKACC by the deadline

1 AAEPH 2024 Integrated Aviation Programme Application form

2 Recommendation signed by OC Units/Squadron (For HKACC senior and cadet members only)

(Application form without the signed recommendation will not be proceeded)  
3 Two passport size B/W or colour photo (Taken within 6 months)

4 A printed A4 size essay of 150-200 words of the below topic  
(Marked with the applicant's name as shown in the HKID Card)

**Topic of Essay : Express in your own opinions how to establish the aviation culture for the Hong Kong teenagers by the HKSAR Government and aviation organizations**

5 A cheque with correct amount payable to “HONG KONG AIR CADET CORPS” (TWO cheques if membership fee \$30 applicable)

\*Applicants are advised to submit the applications 5 days prior to the deadline in order to avoid any postage delay or other events that may delay the delivery of application.

\*Unsuccessful candidates will be notified to collect the cheque within two months after result announcement

Deadline for Application : **23 Sept 2024 Mon**

#### **11. Selection Procedures**

Short-listed applicants may be invited to attend the selection assessment in person or in another format

\*A notice email will be sent to unsuccessful applicants **on or before 30 Sept 2024**

\*A confirmation email of acceptance will be sent to successful applicants **on or before 30 Sept 2024**

\*The AAEPH 2024 reserves the right for the final decision of the application result

#### **12. Code of Conduct**

Candidates shall observe the customs and courtesy of HKACC. Classroom discipline applies.

#### **13. Programme Administration**

The HKACC reserves all rights to alter, revise and administer all materials and activities in the programme without prior notification and consultation with the candidates.

#### **14. Programme Staff**

Programme Advisors : Group Captain CHAN Mang Lang IDSM  
Wing Commander Ivan CHAN  
Squadron Leader Franky TSE  
Dr. Kam K H NG (Department of Aeronautical and Aviation Engineering, HK Polytechnics University)  
Ms Sharon LAU

Work Team : Flight Lieutenant Hermes HO & Officers from AE Wing / other HKACC Units

#### **15. Venue**

Hong Kong Polytechnics University Campus

#### **16. Class Size**

Maximum 50

#### **17. Admission Enquiries**

Application and enquiries can be addressed to:

AAEPH 2024 Integrated Aviation Programme  
Hong Kong Air Cadet Corps Headquarters  
Sung Wong Toi Road  
Kowloon City  
Hong Kong

Telephone: 2712 8900

Fax: 2715 6944

Email: [hq@aircadets.org.hk](mailto:hq@aircadets.org.hk)

Website : <http://www.aircadets.org.hk>

## 18. Programme Classroom Lecture Calendar (2024)

<b>Module One</b>		
<b>Date</b>	<b>Time</b>	<b>Subject</b>
5/10/2024	1515-1745	Programme Briefing (EF311)
12/10/2024	1515-1745	Programme Kick Off Ceremony (EF311)
19/10/2024	1515-1745	Sim Briefing 1 (CD301)
26/10/2024	1515-1745	Sim Briefing 2 (CD301)
2/11/2024	1515-1745	Orientation – Helicopter (CD301)
9/11/2024	1515-1745	Aerodynamics (Helicopter) 1 (CD301)
16/11/2024	1515-1745	Aerodynamics (Helicopter) 2 (CD301)
23/11/2024	1515-1745	Aerodynamics (Helicopter) 3 (CD301)
30/11/2024	1515-1745	CPP Session
7/12/2024	1515-1745	Technical (Fixed-wing/helicopter) 1
14/12/2024	1515-1745	Technical (Fixed-wing/helicopter) 2
21/12/2024	1515-1745	Technical (Fixed-wing/helicopter) 3
28/12/2024	1515-1745	CPP Session
4/1/2025	1515-1745	Airlaw 1
11/1/2025	1515-1745	Airlaw 2
18/1/2025	1515-1745	Meteorology 1
25/1/2025	1515-1745	Meteorology 2
1/2/2025		Break
8/2/2025	1515-1745	Examination
		Module Two
15/2/2025	1515-1745	CPP Session
22/2/2025	1515-1745	Navigation 1
1/3/2025	1515-1745	Navigation 2
8/3/2025	1515-1745	Navigation 3
15/3/2025	1515-1745	CPP Session
22/3/2025	1515-1745	Performance (Helicopter)
29/3/2025	1515-1745	Loading (Helicopter)
5/4/2025	1515-1745	Air Traffic Control Management
12/4/2025	1515-1745	Radio Telephony
19/4/2025		Break
26/4/2025	1515-1745	Human Factor & Limitation 1
3/5/2025	1515-1745	Human Factor & Limitation 2
10/5/2025		CPP Session
17/5/2025	1515-1745	Group Exercise & Interview technique
24/5/2025	1515-1745	Examination
31/5/2025		Break
7/6/2025	1515-1745	Scholarship Assessment
14/6/2025	1515-1745	Scholarship Assessment
21/6/2025		Break
27/6/2025	1900-2200	Graduation Dinner

### **Important Reminder**

\*Applicants are required to take a careful consideration before apply the programme as there is a chance that the programme lecture date and classroom may be changed to weekday evening subject to classroom and instructors' availability

