



The HKACC Advanced Aviation Education Programme (AAEP) 2015

Jointly offered by Hong Kong Air Cadet Corps,
Department of Mechanical Engineering of Hong Kong Polytechnic University,
Community College of City University and Cathay Pacific Airways

Introduction

Hong Kong Air Cadet Corps (HKACC) is a non-profit making uniformed youth organisation providing aviation education, non-formal education and leadership training to local young people. With Hong Kong being a major international aviation centre in the Asia-Pacific Region, the demand for well-trained manpower to serve in the rapidly developing aviation industry is larger than ever. HKACC is proud to present the Advanced Aviation Education Programme (AAEP) as a gateway to flying training for those who wish to pursue aviation either as a career or as a leisure hobby.

Programme Background

The AAEP was first introduced in 1997 and available only to members of HKACC and other uniformed youth organisations. In 2000, AAEP opened its door to the general public and it was in that year that Cathay Pacific Airways became the co-organiser of the Programme. The Community College of City University and Department of Mechanical Engineering of the Hong Kong Polytechnic University also joined us as our co-organisers in 2012 and 2014 respectively.

Programme Aims

The Programme aims to provide participants with ground training necessary to take the Australian Civil Aviation Safety Authority (CASA) General Flying Practical Test (GFPT).

Eligibility

The Programme is open to all Hong Kong residents aged 16 and above. Good command of English is essential.

Mode of Attendance

Part-time evening (please refer to the programme calendar on page 3.)

Teaching Methods

Classroom training and flight simulation training (subject to availability). The medium of instruction is Cantonese supplemented by English.

Course Structure

Participants have to complete the following NINE compulsory subjects divided in three modules:

Technical modules:

Aerodynamics

(ADY)

Aircraft general knowledge

(AGK)

Operation, performance and planning

(PERF)

Flight rules & air laws in Australia

(LAW)

Navigation modules:

Navigation

(NAV)

Meteorology

(MET)

Radio communication

(RT)

Human performance and limitation

(HPL)

Practical Module:

Flight Simulator Training*

(FST)

*Conducted by instructors of the Aviation Education (AE) Wing of HKACC.

Assessments

For the technical and navigation modules, written examinations will be given at the end of each module. The examination will be conducted on the basis of multiple-choices and short questions. For the practical module, a practical assessment will be conducted in the flight simulation laboratory.

Class Size

A maximum of 100 students.

Venue

All teaching will be conducted at the Hong Kong Polytechnic University, 11 Yuk Choi Road, Hung Hum; and Community College of City University, City University Hong Kong Telford Annex, Telford Plaza, 33 Wai Yip Street, Kowloon Bay, Kowloon

Recognition

Participants who passed all assessments will be awarded with a Certificate of Achievement issued by HKACC. AAEP graduates can apply for credit exemption when applying for the Associate Degree of Science in Airport Operations and Aviation Logistics (ASAOAL) offered by the Community College of City University. HKACC cadets who have passed the Programme will be deemed to have passed all Aviation Education (AE) subjects as required for the achievement of the Senior Cadet and Staff Cadet classifications.

Flying Scholarships

Flying Scholarships will be set up which will be open for application by eligible candidates after the announcement of the written examination results.

Six HKACC AAEP Flying Scholarships and One Tam Man Ho Flying Scholarship will be conferred to a maximum of seven best candidates.

Each HKACC AAEP Flying Scholarship provides for ten *ab-initio* flying training hours at one of the overseas flying schools.

Cathay Pacific Airways will sponsor round trip tickets for all Flying Scholarship Awardees.

Programme Fees

- (i) HKACC cadet members (under 21 years of age): HK\$600,
- (ii) HKACC senior members (Officer Cadet, RI, OT or above): HK\$1,300,
- (iii) Current PolyU students and CCCU ASAOAL students: HK\$1,530 (inclusive of HK\$30 HKACC associate membership fee); and;
- (iv) General public (none of the above): HK\$3,030 (inclusive of HK\$30 HKACC associate membership fee)

The fees are used to cover the costs of the teaching aids and the remainder will be used to fund the HKACC AAEP Flying Scholarships. All fees are non-refundable after an applicant has accepted the admission offer of the Programme.



Application Procedure

Applicants should first submit the application form online (see below), then send a self-addressed envelope with full postage, two photos and a crossed cheque payable to "Hong Kong Air Cadet Corps" to the Headquarters of HKACC (Attn: AAEP) on or before 3 May 2015. Incomplete or late applications will not be processed. Please write down your name, phone number and HKID number at the back of the cheque. Cheques will be returned to unsuccessful applicants by post. All postage risk be borne by applicants.

PolyU students and CCCU AScAOAL students are required to submit their university student ID or an equivalent identification document together with the items mentioned above.

Application form for all applicants:

<http://goo.gl/WhDvbf>

Recommendation form from OC Unit for HKACC member applicants:

<http://goo.gl/gMTIzA>

Selection Procedures

For HKACC applicants, admission is likely to be granted to those who are highly recommended by their superior officers, and/or have achieved outstanding service records. Applicants may be invited to attend a selection interview conducted by the AAEP organizing committee. Interviews are designed to further assess an applicant's motivation, aptitude and overall suitability for the Programme.

Dress Code and Code of Conduct

Smart casual. Uniformed group members are required to wear uniform at the AAEP 2015 opening ceremony and graduation ceremony. Classroom discipline applies.

Course Materials

Textbooks will be provided by HKACC. However, students will be required to purchase a navigational slide-ruler for their own studies and practices. The cost of the slide ruler is approximately HK\$150.

Admission Enquiries

All enquiries should be addressed to:

AAEP 2015

Headquarters

Hong Kong Air Cadet Corps

Sung Wong Toi Road Kowloon City

Tel: 2712 8900 Fax: 2715 6944

Email: hkacc.aaep@gmail.com

Programme Administration

The HKACC reserves the rights to change the regulations, syllabuses and activities of the programme without any prior notification.

Programme Advisors

Hong Kong Air Cadet Corps:

Air Commodore Norman Lo
Group Captain Lee Kwok Wing
Wing Commander Ivan Chan

Hong Kong Polytechnic University:

Doctor Zhong-qing Su
Professor C Y Wen
Professor Alan K T Lau

Community College of City University:

Doctor Cyril Tse
Doctor Kenny Ma

Programme Director

Specialist Squadron Leader Steve Wong

Deputy Programme Director

Specialist Squadron Leader Marcus Chan

Programme Co-ordinators

Flight Lieutenant Winnie Ho
Pilot Officer Birdy Cheng
Pilot Officer Tiffany Chiang
Acting Pilot Officer Alfred Li

Instructors

Specialist Flight Lieutenant Richard Cheung
Specialist Flight Lieutenant Alan Cheung
Specialist Flight Lieutenant Antony Fung
Specialist Flight Lieutenant Duncan Wan
Specialist Flight Lieutenant Webster Siu
Specialist Flight Lieutenant David Yen
Flight Lieutenant Hermes Ho
Specialist Flying Officer Sunny Chan
Specialist Flying Officer Stanley Tsui
Specialist Flying Officer Leo Chan
Mr Chit Lau
Mr Joseph Lee
Mr Hymn Lai
Mr Jimmy Leung
Mr Eric Cheung
Mr Sam Liu
Mr David Chan
Mr Nelson Chang
Mr Michael Ho
Mr Roy Shek

Acknowledgement

Cathay Pacific Airways



Department of Mechanical Engineering of
Hong Kong Polytechnic University



Community College of City University



Pilot Training in Australia

(For Reference Only)

Opportunities of Flying Training

HKACC has put in place agreements with several flying schools in Australia to provide flying training for interested AAEP participants.

Recognition of Pilot Qualifications obtained in Australia

Australian Pilot Licences are fully recognised by member states and administrations of International Civil Aviation Organisation (ICAO), including Hong Kong, China, the United Kingdom and the United States. Conversion to local licences in other ICAO member states and administration is possible. Many Australian trained pilots are employed in major international airlines, such as Cathay Pacific Airways and Singapore Airline.

Pathway to Pilot Licence in Australia

Phase One

Theory Exam	: Pre-solo*
Practical Flying**	: 1-15 hrs
Attainment / Licence	: First solo
HKACC Qualification	: Aircrew

Phase Two

Theory Exam	: Pre-area solo*
Practical Flying**	: 15-25 hrs
Attainment/Licence	: Area solo
HKACC Qualification	: Aircrew

Phase Three

Theory Exam	: BAK*
Practical Flying**	: 25-40 hrs
Attainment /Licence	: GFPT level
HKACC Qualification	: Aircrew

Phase Four

Theory Exam	: Private Pilot
Practical Flying**	: 40-60 hrs
Attainment /Licence	: PPL
HKACC Qualification	: Pilot

Phase Five

Theory Exam	: Commercial Pilot
Practical Flying**	: 150 hrs up
Attainment /Licence	: CPL
HKACC Qualification	: Pilot

Advanced Phases:

Command Instrument Rating, Night VFR Rating, Multi-engine Rating, Flying Instructor Rating, Air Transport Pilot Licence.

* - covered in AAEP

** - depends on individuals' ability



Quotes of some of our AAEP scholarship awardees

(1) 「把我從年青人的世界帶進航空界的大門」 [Hyman Lai, AAEP 1999 Scholarship Awardee]

導師們都是利用工餘時間義務教授課程,藉此我先致以由衷的感謝。能夠有機會跟這批專業人士學習和交流,實在是千載難逢的機會。由小規模的授課變成有傳媒報導的大型課程,並有國泰航空公司和其他專業機構作後盾,實在令人歎為觀止。但最令人感到興奮的還是它培養出來的一批航空專才。回想當年報讀 AAEP 的我只有十六歲,卻有幸成為其中一位獎學金持有人遠赴澳洲接受飛行訓練,讓我有機會把那遙不可及的飛行夢想實踐出來。藉此我鼓勵年輕人不要輕看自己,把握這此機會 報讀這個能改變你一生的 AAEP 課程!

(2) 'I believe I can fly' [Aman Chee, AAEP 2001 Scholarship Awardee]

Imagine flying by yourself and soaring across the big blue sky...as if you were having the whole world. The "First Solo" is also something you will never forget in you life, no matter whether you fly for leisure or as a professional airline pilot. I had my "First Solo" in Australia after receiving the AAEP 2001 Flying Scholarship and later had my second solo in Thailand, where I continued my flying training in the sky. If flying is always your dream, it is time to make your dream come true. It is not surprising to see AAEP's overwhelming demand years after years because of its well organised programme and the excellent tuition given by various professionals in the aviation sectors of Hong Kong. I believe you can FLY!

(3) 「許多難忘的第一次」 [Stanley Tsui, AAEP 2002 Scholarship Awardee]

每個人都有自己的人生目標,回想一向愛挑戰的我,每天坐在辦公室十多小時工作,總覺得渾身不對勁,剛巧看見 AAEP 的網頁介紹飛行課程,我決定報讀並辭去工作,決意去找自己的夢想—在藍天中翱翔。AAEP 的導師來自不同的航空專業,他們十分用心教導每位學員,,經過學習多個月的課程和考試,我有幸取得獎學金到澳洲學習飛行,開始了飛行訓練的第一步,展轉兩三年後現已成為了民航機師。第一次嘗到駕駛飛機在機場上空繞一個圈的緊張。第一次嘗到飛行六小時到另一個洲的疲倦。第一次嘗到駕著雙引擎在零度中飛行的冰冷。第一次嘗到學特技飛行在天空中打轉的興奮。第一次嘗到過百公噸的 747 降落在跑道上的震撼。這一點一滴的回憶,一天一天的進步,都使我會心微笑。我從未想過能實現飛行夢想,現在成功了,當中導師用心的教導和學員間的互相支持功不可沒。祝願 AAEP 更上一層樓,繼續努力成為培育香港航空人才的大搖籃。

(4) 「許多難忘的第一次」 [Alan Cheng, AAEP 2005 Scholarship Awardee]

回想兩個月暑假以來每個星期從每位充滿熱誠的機師身上吸收到許多航空專業知識,縱然只是無涯學海中的冰山一角,但經已使我心有榮焉。課程非常緊湊,我除了複習課堂所學,還主動尋找一切關於航空的新鮮好玩的事物,使我的悠長假期過得比上學時還要充實。但最教人會心微笑的是,小時候當機師的「春秋大夢」,竟然在我的十八歲生日前實現了!在香港,學習飛行的機會並不多。因此,我們更應把握每一個機會去追夢。我深信 AAEP 會繼續幫助香港的飛行愛好者去追尋振翅高飛的夢想。

Programme Calendar (AAEP 2015)

Mon	Tue	Wed	Thu	Fri	Sat	Sun
13 Apr AAEP Application Launches	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1 May	2	3 Application Deadline
4	5	6	7	8	9	10
11	12 Admission Notification	13	14	15	16	17
18	19	20	21	22	23 AAEP Opening Ceremony	24
25	26	27	28	29	30	31
1 Jun	2 ADY PolyU	3	4 ADY PolyU	5	6	7
8	9 ADY PolyU	10	11 AGK PolyU	12	13	14
15	16 AGK PolyU	17	18 AGK PolyU	19	20	21
22	23 PERF PolyU	24	25 PERF PolyU	26	27	28
29	30 LAW PolyU	1 Jul	2 LAW PolyU	3	4 Revision PolyU	5
6	7 EXAM 1 PolyU	8	9	10	11 FST (Group1&2) CCCU	12
13	14 NAV PolyU	15	16 NAV PolyU	17	18 FST (Group3&4) CCCU	19
20	21 NAV PolyU	22	23 MET PolyU	24	25	26
27	28 MET PolyU	29	30 MET PolyU	31	1 Aug RT PolyU	2
3	4 RT PolyU	5	6 HPL PolyU	7	8 Revision PolyU	9
10	11 Exam2 PolyU	12	13	14	15	16
17	18 Exam Result announces & Scholarship Application Starts	19	20	21	22	23
24 Scholarship Application Closes	25	26 Scholarship Interview	27 Scholarship Interview	29	29 AAEP Graduation Ceremony	30

Notes:

- The schedule is subject to change without prior notice.
- Classes are conducted on Tuesdays and Thursdays (1930 – 2130), some Saturdays (1430-1630)
- Flight Simulator Training (FST) is divided into 4 groups on two Saturdays (0945-1215 & 1345-1615) 11 & 18 July 2015, further details will be given in class.
- Venue:
 - Community College of City University, City University of Hong Kong Telford Annex, Kowloon Bay ; or
 - The Hong Kong Polytechnic University
- The exact classroom will be announced in due course.

Module code:

- ADY = Aerodynamics
- AGK = Aircraft General Knowledge
- PERF = Aircraft Performance
- LAW = Aviation Law
- NAV = Air Navigation
- MET = Meteorology
- RT = Radio Telephony
- HPL = Human Performance
- FST = Flight Simulator Training

Other important dates and events:

- AAEP 2015 Graduation Ceremony:**
 - 29 August 2015 (Tentative)
- Flying Scholarship Application Starts:**
 - 18 August 2015 (Tentative)
- Flying Scholarship Application Closes:**
 - 24 August 2015 (Tentative)
- Flying Scholarship Interviews:**
 - 26 & 27 August 2015 (Tentative)
- Awardees will receive the notification:**
 - On or after 29 August 2015 (Tentative)