



The HKACC Advanced Aviation Education Programme (AAEP) 2014

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 at providing 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 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)

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 test will be conducted in the flight simulation laboratory.

Class Size

A maximum of 100 students.

Venues

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 (AScAOAL) 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 interested candidates after the announcement of the written examination results.

HKACC AAEP Flying Scholarships will be conferred to the maximum of six best candidates.

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

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

Programme Fees

- (i) HKACC cadet members (under 21 years old): HK\$600,
- (ii) HKACC senior members (Officer Cadet, RI, OT or above): HK\$1,300,
- (iii) PolyU and CCCU AScAOAL students: HK\$1,500; and;
- (iv) General public (none of the above): HK\$3,000

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

Applicant should submit the duly completed application form along with a self-addressed envelope with full postage and a crossed cheque payable to "Hong Kong Air Cadet Corps" to the Headquarters of HKACC (Attn: AAEP) on or before **14 March 2014**. Incomplete or late applications will not be processed. Cheques will be returned to unsuccessful applicants by post. All postage risks shall be borne by applicants.

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 2014 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:
AAEP2014
Headquarters
Hong Kong Air Cadet Corps Sung Wong
Toi Road Kowloon City
Tel: 2712 8900
Fax: 2715 6944
Email: hq@aircadets.org.hk

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:
Prof. Wallace Leung
Prof. C Y Wen
Prof. Alan K T Lau

Community College of City University:
Dr Cyril Tse
Dr Kenny Ma
Dr Joseph Chan

Programme Director
Specialist Squadron Leader Steve Wong

Deputy Programme Director
Specialist Squadron Leader Marcus CHAN

Programme Co-ordinators
Flight Lieutenant Hermes Ho
Flight Lieutenant Winnie Ho
Pilot Officer Birdy Cheng
Pilot Officer Alex Tong

Instructors
Specialist Squadron Leader Johnny Yee
Specialist Squadron Leader Dandy Wong
Specialist Flight Lieutenant Richard Cheung
Specialist Flight Lieutenant Alan Cheung
Specialist Flight Lieutenant Antony Fung
Specialist Flight Lieutenant Duncan Wan
Specialist Flying Officer Sunny Chan
Specialist Flying Officer Stanley Tsui
Specialist Pilot Officer Leo Chan
Pilot Officer David Yen
Captain Webster Siu
Mr Chit Lau
Mr Joseph Lee
Mr Hymn Lai
Mr Jimmy Leung
Mr Eric Cheung

Acknowledgements

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 overseas flying schools to provide flying training for interested AAEP participants.

Recognition of Pilot Qualifications obtained in Australia

Australian Pilot Licences are fully recognised by member countries 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 countries 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。



香港航空青年團



Programme Calendar (AAEP2014)

Mon	Tue	Wed	Thu	Fri	Sat	Sun
3 Mar	4 AAEP Application Launches	5	6	7	8	9
10 Mar	11	12	13	14 Application Deadline	15	16
17 Mar	18 Admission Notification	19	20	21	22 AAEP Opening Ceremony	23
24 Mar	25 ADY PolyU	26	27 ADY PolyU	28	29	30
31 Mar	1 ADY PolyU	2	3 AGK PolyU	4	5	6
7 Apr	8 AGK PolyU	9	10 AGK PolyU	11	12	13
14 Apr	15 PERF PolyU	16	17 PERF PolyU	18	19	20
21 Apr	22 LAW PolyU	23	24 LAW PolyU	25	26 Revision PolyU	27
28 Apr	29 EXAM1 CCCU	30	1	2	3 FST (Group1&2) CCCU	4
5 May	6	7	8 NAV PolyU	9	10 FST (Group3&4) CCCU	11
12 May	13 NAV PolyU	14	15 NAV PolyU	16	17	18
19 May	20 MET PolyU	21	22 MET PolyU	23	24	25
26 May	27 MET PolyU	28	29 RT PolyU	30	31	1
2 Jun	3 RT PolyU	4	5 HPL PolyU	6	7 Revision CCCU	8
9 Jun	10 EXAM2 CCCU	11	12 Exam Result announces & Scholarship Application Starts	13	14	15
16 Jun	17	18	19 Scholarship Application Closes	20	21	22
23 Jun	24 Scholarship Interview	25	26 Scholarship Interview	27	28 AAEP Graduation Ceremony	29
30 Jun	1	2	3	4	5	6

Notes:

- The schedule is subject to change without prior notice.
- Classes are conducted on Tuesdays and Thursdays (1915 – 2145), with two revision classes on two Saturdays (26 Apr 1915 – 2145 & 7 Jun 1400-1630).
- Flight Simulator Training (FST) is divided into 4 groups on two Saturdays (1000 – 1230 & 1400 – 1630), further details will be given in class.
- Venues: 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.
- Classroom number will be announced later.

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 2014 Graduation Ceremony:**
 - 28 June 2014 (Tentative)
- Flying Scholarship Application Starts:**
 - 12 June 2014 (Tentative)
- Flying Scholarship Application Closes:**
 - 19 June 2014 (Tentative)
- Flying Scholarship Interviews Start:**
 - 24 & 26 June 2014 (Tentative)
- Awardees will receive the notification:**
 - On or after 28 June 2014 (Tentative)