

# Aviation Engineering and Technology

## 航空工程及科技

### Postgraduate Certificate in Aviation and Big Data Applications

Programme Code: IT103A

Application Code: 2145-IT103A

3762 0051  
2587 3232

d.chau@hkuspace.hku.hk  
eddy.che.mak@hkuspace.hku.hk



The programme is designed for aviation practitioners who possess working experience in the aviation industry and would like to learn the latest knowledge and skills of big data applications in the aviation environment. The programme would cover the basic concept and application of big data analysis, and its best practice to support the aviation business decision making. Students will also learn the importance of data organisation, the relevant privacy and ethics requirements of data application.

- R** Applicants shall hold:
- a bachelor's degree in any discipline awarded by a recognised institution and one year of full-time work experience in the aviation industry; or
  - a professional qualification\* and two years of full-time work experience related to the aviation industry.

If the degree or equivalent qualification is from an institution where the language of teaching and assessment is not English, applicants shall provide evidence of English proficiency, such as:

- an overall band of 6.0 or above with no subtests lower than 5.5 in IELTS; or
- a score of 550 or above in the paper-based TOEFL, or a score of 213 or above in the computer-based TOEFL, or a score of 80 or above in the internet-based TOEFL; or
- HKDSE Examination English Language at Level 3 or above; or
- HKALE Use of English at Grade E or above; or
- equivalent qualifications.

Applicants with other qualifications will be considered on individual merit. Applicants may be invited to attend an admission interview if required.

\* Professional qualifications may include an Advanced Airport Operations Diploma conferred by the International Air Transport Association or completion of the professional training programmes organised by the International Civil Aviation Organisation (e.g. Aviation Data-driven Decision Making programme).

**\$** HK\$21,930 per programme  
Application Fee: HK\$150

**D** 6 months

**E** English

**Q** Level 6 (Reg. No.: 22/000823/L6) Validity Period: 01 Nov 2022 - on-going

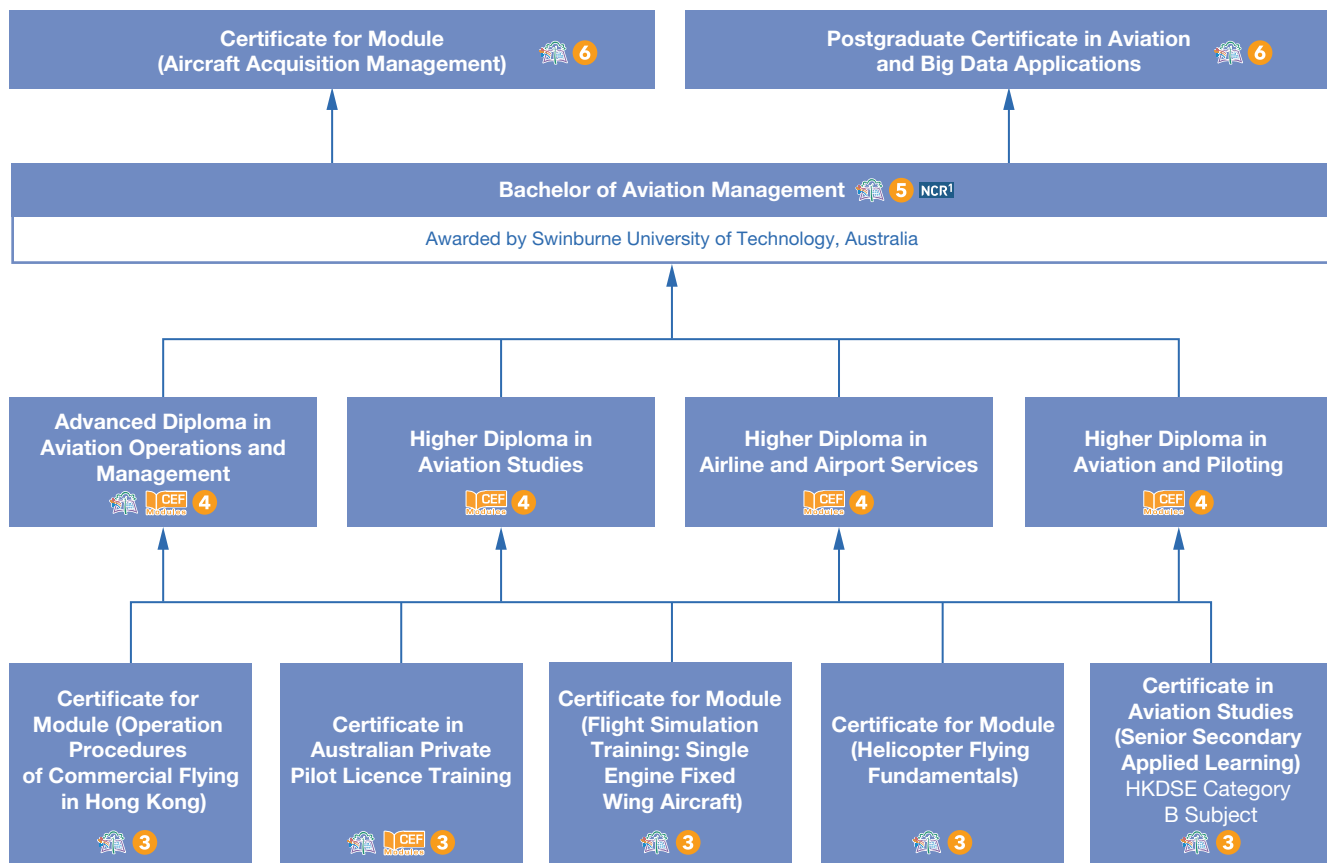
More details



# Aviation Operations and Management

## 航空營運及管理

### Articulation of Aviation Programmes



See legend on page 031 圖像說明於第031頁

- R** Minimum Entry Requirements 基本入學要求 (P.017) **\$** Fee 學費 **D** Duration 修業期  
**E** Medium of Instruction 教學語言 **Q** Qualifications Framework 資歷架構 **E** Exemption 豁免 **S** Short Course 短期課程

For more and latest programme information, please visit our website  
有關最新課程資訊及詳情，請瀏覽學院網站 [hkuspace.hku.hk](http://hkuspace.hku.hk)

# Aviation Operations and Management

## 航空營運及管理

### Advanced Diploma in Aviation Operations and Management

Programme Code: IT038A

Application Code: 2150-IT038A

☎ 3762 0839

✉ susan.choi@hkuspace.hku.hk



This programme aims at nurturing management professionals in various aviation sectors which focuses on operational and management issues in the aviation industry. A broad range of knowledge such as airline and airport operations and management, aviation business development, aviation safety issues, and air traffic management are covered in the programme.

- R** Applicants should possess the following requirements:
- (A) (i) have gained three passes in HKCEE including Mathematics PLUS Level 2 or above in Chinese Language and English Language, OR five passes in the pre 2007 HKCEE (including Chinese Language, English Language\* and Mathematics); AND (ii) have three years of relevant work experience
  - OR (B) (i) have gained in the HKALE Grade E in one AL subject or two AS subjects; AND (ii) have one year of work experience
  - OR (C) (i) have gained in the HKDSE Examination\*\* Level 2 or above in five subjects including Chinese Language, English Language and Mathematics; AND (ii) have two years of work experience

AND  
2. be aged 21 or above  
Applicants with other equivalent qualifications and relevant work experience will be considered on individual merit.

**\$** HK\$38,000 per programme (by 2 instalments: 1st instalment – HK\$25,000; 2nd instalment – HK\$13,000)  
Application Fee: HK\$150

**D** 20 months

**E** English

**Q** Level 4 (Reg. No.: 12/001151/4) Validity Period: 04 Oct 2012 - on-going

[More details](#)



### Certificate for Module (Aircraft Acquisition Management)

Programme Code: IT100A

Application Code: 2145-IT100A

☎ 2975 5678

✉ angel.cya.chow@hkuspace.hku.hk



The programme provides an overview of the process used in acquiring (through sale and/or lease) commercial aircraft. Guided role play and documentation exercise will be carried out so that theoretical concepts could be brought into practice.

**\$** HK\$8,200

Application Fee: HK\$150

**D** 30 hours

**Q** Level 6 (Reg. No.: 22/000384/L6) Validity Period: 01 Jun 2022 - on-going

### ICAO Aviation English Language Proficiency Training

Programme Code: AVIA9008

☎ 2975 5678

✉ angel.cya.chow@hkuspace.hku.hk

This course does not teach general English, but is designed for students who aim to pursue a career as a Commercial Pilot and pass the ICAO (International Civil Aviation Organization) English Proficiency Test at Level 4. The course design, curriculum and mock test are based on the requirements set out in the "Manual on the Implementation of ICAO Language Proficiency Requirements - 2nd addition 2010 doc 9835".

**\$** HK\$11,000 per programme

**D** 54 hours

## Aviation Piloting

### 航空及飛行

### Certificate for Module (Flight Simulation Training: Single Engine Fixed Wing Aircraft)

Programme Code: IT090A

Application Code: 2145-IT090A

☎ 3762 0051

✉ d.chau@hkuspace.hku.hk



The programme will enhance students' knowledge and skills of flight control through participation in flight simulation practice. It is designed for those who have acquired the basic Private Pilot Licence (PPL) theory knowledge and would like to prepare themselves for the real flying training at the initial stage up to the First Solo level.

**\$** HK\$5,200 per programme

**D** 30 hours

**Q** Level 3 (Reg. No.: 22/000036/L3) Validity Period: 01 Feb 2022 - on-going

### Certificate for Module (Helicopter Flying Fundamentals)

Programme Code: IT091A

☎ 3762 0051

✉ d.chau@hkuspace.hku.hk



The programme will equip students with a comprehensive understanding of helicopter flying during the initial stage of flight training. Students will acquire knowledge of instrument systems, flight theory, meteorology, and operational procedures.

**\$** HK\$4,500

**D** 36 hours

**Q** Level 3 (Reg. No.: 22/000037/L3) Validity Period: 01 Feb 2022 - on-going

**NCR<sup>1</sup>** This is an exempted course under the Non-Local Higher and Professional Education (Regulation) Ordinance. 根據《非本地高等及專業教育(規管)條例》，本課程屬獲豁免課程。 It is a matter of discretion for individual employers to recognize any qualification to which this course may lead. 個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。

**NCR<sup>2</sup>** These are exempted courses under the Non-Local Higher and Professional Education (Regulation) Ordinance. 根據《非本地高等及專業教育(規管)條例》，這些課程屬獲豁免課程。 It is a matter of discretion for individual employers to recognize any qualification to which these courses may lead. 個別僱主可酌情決定是否承認這些課程可令學員獲取的任何資格。

**NCR<sup>3</sup>** The course operator is applying for exemption under the Non-local Higher and Professional Education (Regulation) Ordinance. 課程主辦人正根據《非本地高等及專業教育(規管)條例》辦理豁免註冊手續。 It is a matter of discretion for individual employers to recognize any qualification to which this course may lead. 個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。