

Entry Requirements

Applicants shall:

- (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

- be aged 21 or above

Applicants with other equivalent qualifications and relevant work experience will be considered on individual merit.

* Grade C in the case of English Language (Syllabus A).

** Applicants are allowed to use not more than two Applied Learning (ApL) subjects in the application. The recognition of the ApL subjects is as follows:

Before 2018 HKDSE Examination

- “Attained with distinction” is deemed equivalent to Level 3; and
- “Attained” is deemed equivalent to Level 2.

2018 HKDSE Examination or afterward

- “Attained with distinction (II)” is deemed equivalent to Level 4; and
- “Attained with distinction (I)” is deemed equivalent to Level 3; and
- “Attained” is deemed equivalent to Level 2.

Graduation Requirement

Passed assessment requirement (Includes Examination) of each module; AND

Passed the Aviation Project module; AND

Attained at least 75% attendance for each module

Tuition Fee

HK\$36,800 (by 2 instalments: 1st instalment – HK\$24,400; 2nd instalment – HK\$12,400)

Programme Duration

Programme duration is 20 months. The class will be conducted in two weekday evenings and weekend evening.

Application

Applicants are required to submit the following items in person to any HKU SPACE Enrolment Center:

- Application fee HK\$150 (Non-refundable)
- Completed enrollment form
- Original certificate(s) for verification
- A copy of each certificate

Enquiries

Tel: 2587 3227 (Miss Fanny Wong)

Fax: 2571 8480

Email: sp.wong@hkuspace.hku.hk

Student Sharing

Mak Miu Ho

2019 Graduate, Advanced Diploma in Aviation Operations and Management



Truly, it was a memorable moment for me to spend 2 years (2018 – 2019) in studying Advanced Diploma in Aviation Operations and Management. The programme has consolidated my essential theoretical knowledge of aviation and also both airport and airline operations from a multidimensional perspective. It was a great way for me to acquire comprehensive knowledge in the short period of time. The lecturers are industry professionals in aviation field who willing to share their valuable information and experience in-depth.

I enjoyed the friendships made with them and my classmates. The programme has definitely broadened my personal interest and career development.

Wong Hon Ting, Jacky

2018 Undergraduate, Bachelor of Aviation Management, Swinburne University of Technology

2016 Graduate, Advanced Diploma in Aviation Operations and Management



When I was looking for an aviation course to enhance my knowledge and skills in Aviation Operations and Management, I was recommended by my colleagues and friends to this course. HKU SPACE provided an inclusive learning environment for students with guidance from the teachers who are also professional practitioners in the aviation industry.

(2015-present, Senior Operations Engineer, Air Hong Kong (AHK) Freighter)

This programme assisted me in tackling my aviation operations job and enhanced my duties performance in safety in aviation, aircraft utilisation, route planning and forecasting etc. I recommended this course to those who vision to become a senior level in future to manage operations with both strategic management vision and precise point of view.

Overall, the two-year experience with the programme is very impressive, which exceeded my expectation.



Participation in the Aviation Industry Event - Outstanding Solutions for the Case Study in the International Civil Aviation Organization (ICAO) model forum in Aviation Security and the Socio-Economic Benefits of Air Transport stream.

HKU SPACE is a non-profit making University company limited by guarantee.



Advanced Diploma in Aviation Operations and Management

THE UNIVERSITY OF HONG KONG
School of Professional and Continuing Education



#QF level: 4 | QR registration No.: 12/001151/4
QR registration validity period: 4 Oct 2012 - on-going

October 2019



Introduction

The aviation industry of Hong Kong has been continuously expanding, with the development of the third run-way at the Hong Kong International Airport, the aviation business will be further growing, including airline, cargo, aircraft maintenance services, aviation security, etc. The Advanced Diploma in Aviation Operations and Management programme is a non-flying programme with focus on operations and management issue in aviation industry, such as airline and airport operations and management, aviation business development, aviation safety issues, and air traffic management.

Current working practitioners in aviation industry and people who pursue for a change to aviation career are encouraged to join this programme as it will provide you an overall perspective of the operations and future development of the aviation industry.

Course Structure

There are 13 modules. Each module contains 27 hours.

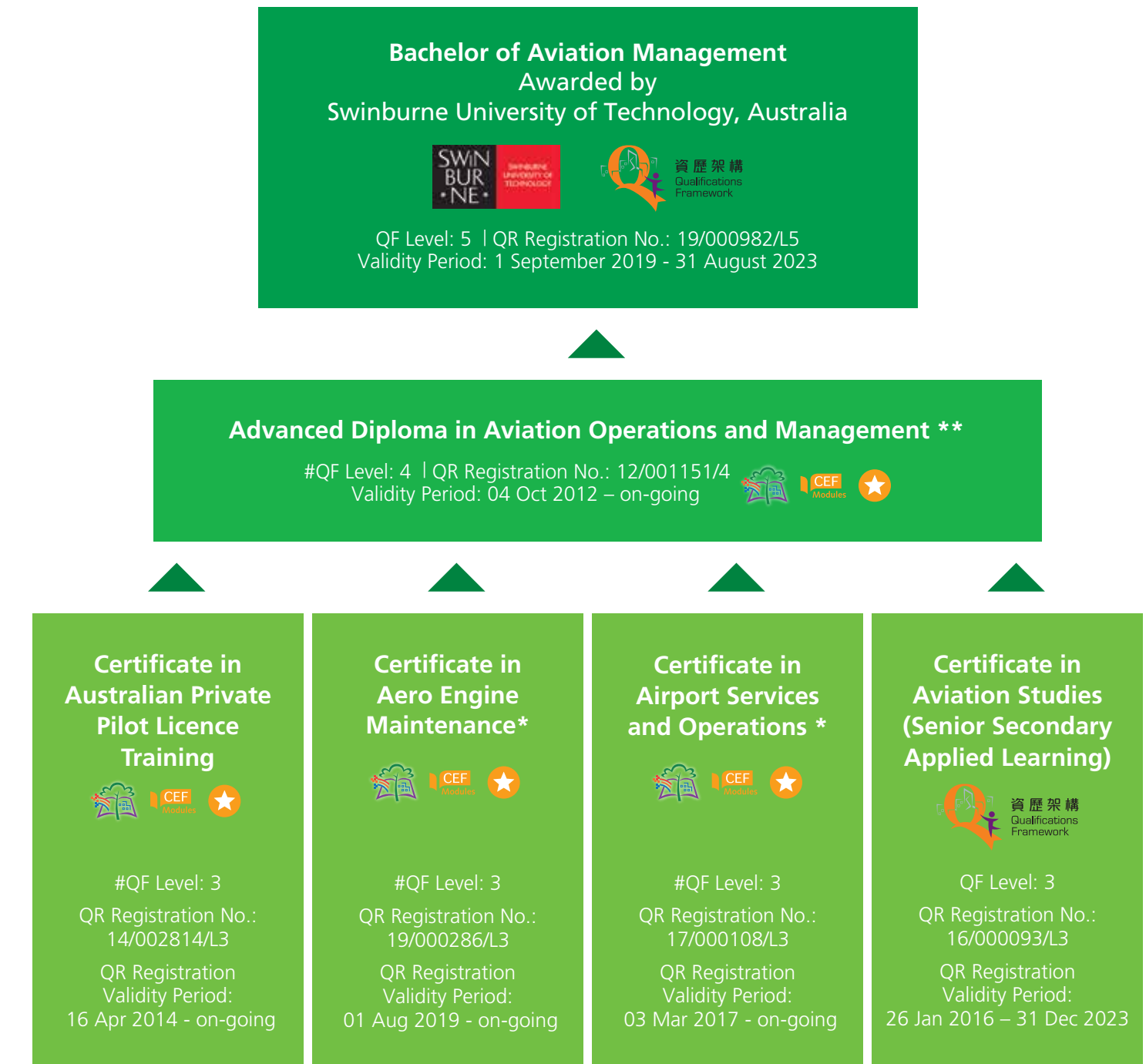
- 1. Introduction to Aviation Industry**
This module will describe an overview of the organization and economic role of HK aviation industry. The structure and functions of airline, airport and other aviation organizations will also be covered.
- 2. Aviation Business Development and Operations**
This module will cover the aviation business model and the key factors to drive the aviation development. Marketing and business strategies of different airlines will also be discussed.
- 3. Airline Management**
This module will discuss 1) the key financial factors of airline costing and revenue drivers, and analyze their effects on airline operation; and 2) the key operational factors of airline including schedule reliability, labour and asset utilization, and analyze their effects on airline operation.
- 4. Air Cargo Services I**
This module will describe the economic role of air cargo business in HK aviation industry. Students will develop broad concepts and knowledge relevant to the field of airline cargo operations.
- 5. Human Factors and Performance**
This module will identify the factors affecting human performance. Students would evaluate the effects of human performance on operational process and safety in aviation and apply appropriate methods to minimize adverse human performance in aviation.
- 6. Risk Analysis and Management**
This module will explain the framework of business quality management and identify the risk factors related to aviation business. Appropriate methodologies and tools in the risk assessment process will be introduced.

- 7. Air Cargo Services II**
This module will develop students' knowledge in maintaining optimum level of customer service in the air cargo industry. Students would apply practical management tools to improve efficiency in air cargo operation.
- 8. Air Traffic Management**
This module will explain the framework and operation of an air traffic control system. Students are expected to identify and discuss the functions of different components in an air traffic control system.
- 9. Aircraft Weight Balance and Dispatch[^]**
This module will explain the basic parameters used in flight plan construction. Students need to work out calculations of aircraft weight balance and dispatch aspects and produce manual loadsheets according to the IATA standard.
- 10. Environmental Factors in Aviation**
This module will discuss the impacts of aircraft operation on the environment both locally and globally and evaluate the effectiveness of methods used in reducing noise levels and carbon emission in aviation industry.
- 11. Aviation Security and Contingency Planning**
This module will discuss the international and local aviation security standards and best practices, and identify security threats for aviation.
- 12. Airport Operation**
This module will explain the design principles of an airport from an operational perspective, and identify and discuss the functions of various air operational activities in an airport.
- 13. Aviation Project**
Students have to work in group to apply the theoretical concepts covered in the whole programme in a simulated software environment setting. The student groups have to formulate the requirement specifications for a project, and conduct feasibility study for the suggested solutions that includes cost estimation, time requirements, schedule for the development of solutions, and the benefits expected from the solutions.

[^] This module is supported by the Jardine Airport Services Limited (JASL) with provision of certified trainers.



Articulation of Aviation Programmes



HKDSE
Category B Subject

Remarks:

- * Subject to meeting the admission requirements of the respective programmes
- ** Graduates of the programme will be granted 112.5 credit points out of the 300 credit points required for the Bachelor of Aviation Management programme offered by the Swinburne University of Technology, Australia

Continuing Education Fund
This course has been included in the list of reimbursable courses under the Continuing Education Fund.

Education Fund Reimbursable Course (selected modules only)
Some modules of this course have been included in the list of reimbursable courses under the Continuing Education Fund.

This course is recognised under the Qualifications Framework (QF Level #), #represents the level