

Australian Private Pilot Licence Theory Training (for Secondary School Students)

PROGRAMME DURATION AND TEACHING MODE

Each module contains 25 hours. Total 75 hours are contained in the programme. Each module consists of 20 hours of theory class and 5 hours of simulation practice. The programme will be taught by qualified lectures with theory lectures on weekday late afternoons and flight simulation practice on weekends. School-based class can be requested. Class will be held at secondary school and schedule can be arranged to fit with secondary school calendar.

ASSESSMENT

Assessment for the programme comprises a written examination and successful completion of various tasks in the flight simulation practice with a minimum of 70% attendance.

AWARD

Statements of Achievement will be issued to students who have passed the examination and flight simulation practical assessment tasks with a minimum of 70% attendance.

ENTRY REQUIREMENT

Current secondary 4 to 6 students with average ability in written and spoken English.

FEES

The programme fee is HK\$2,800 per module or HK\$7900 for package enrolment of 3 modules. A learning package for the 3 modules at HK\$800 must also be purchased.

APPLICATION

- Applicants are required to submit the following items to any HKU SPACE Enrolment Center:
- Completed enrollment form
 - Course fee (By cheque, Make payable to ‘HKU SPACE’ with applicant’s name and programme name at the back of the cheque.)
 - Completed Parent/Guardian Consent Form (Applicants who are below age 18)

To Experience Flying

Students who want to experience flying an aircraft or to obtain a RPL qualification or a full Private Pilot Licence may join the flight training practice in Australia or in the United Kingdom which will be organized four times a year by the Hong Kong Flight Training Centre (HKFTC). The training runs in collaboration with the Redcliffe Aero Club (RAC) and the Adelaide Flight Training Centre (AFTC) in Australia, and the Booker Aviation in the United Kingdom. The flight trainings are designed for those who have completed the theory and simulation parts of the relevant module jointly provided by HKFTC and HKU SPACE.



Becoming and Aircraft Pilot

INTRODUCTION

This course is designed to teach students, who have passion in flying and the aviation industry, the basic knowledge of general aviation and skills of aircraft control. Students will be taught from a beginner’s perspective the theory of flight, the aviation terminology and the occupational competence requirements of a commercial aircraft pilot. The course would put theory into practice through practical exercise with professional flight simulation equipment.

PROGRAMME STRUCTURE

The course consists of 21 contact hours (7 meetings) programme contents include:

- Theory training (12 hours):
- General Aviation Terminology
 - Theory of Flight
 - Basic aircraft navigation
- Flight simulation practice (6 hours):
- Aircraft familiarization
 - Pre-flight aircraft & instrument checks
 - Practices on take-off, climb, straight and level flight and turns
- Workshop on aircraft pilot mock up interview (3 hours):
- Introduction of the occupational requirements of commercial aircraft pilot
 - Mock up test on aircraft pilot career personality
 - Mock Up interview practice



**The programme is supported by the Hong Kong Flight Training Centre (HKFTC) with provision of certified trainers.*

MEDIUM OF INSTRUCTION

English, supplemented with Cantonese. English course materials will be used.

AWARD

Students will be issued a “Statement of Attendance” achieving at least 70% of class attendance.

ENTRY REQUIREMENT

Applicants should be aged 15 or above.

FEE

HK\$4,200

APPLICATION

- Applicants are required to submit the following items to any HKU SPACE Enrolment Center:
- Completed enrollment form
 - Cheque \$4,200 (Make payable to ‘HKU SPACE’ with applicant’s name and programme name at the back of the cheque.)
 - Completed Parent/Guardian Consent Form (Applicants who are below age 18)

OUR AVIATION PROGRAMMES

Degree Programme	Bachelor of Aviation Management Awarded by Swinburne University of Technology, Australia		
Advanced Diploma Programme	Advanced Diploma in Aviation Operations and Management		
Certificate Programmes	Certificate in Australian Private PilotLicence Training	Certificate in Airport Services and Operations	Certificate in Aviation Studies (Senior Secondary Applied Learning) HKDSE Category B Subject
Non Award - bearing Programme	Australian Private Pilot Licence Theory Training (for Secondary School Students)	Becoming an Aircraft Pilot	Control an Unmanned Aerial Vehicle

Enquiries

Tel : 2587 3236 (Miss Clara Wong)
Email: clara.wong@hkuspace.hku.hk

Fax : 2571 8480
Website: HKU SPACE www.hkuspace.hku.hk
Hong Kong Flight Training Centre www.hkftc.com

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Certificate in Australian Private Pilot Licence Training Australian Private Pilot Licence Theory Training (for Secondary School Students) Becoming an Aircraft Pilot



THE UNIVERSITY OF HONG KONG School of Professional and Continuing Education



Certificate in Australian Private Pilot Licence Training

INTRODUCTION

This programme is designed for students who are interested in aviation and flying but has no prior knowledge in such area. Students will acquire the knowledge and skills in the areas of general aviation and flying from a beginner’s perspective through the intensive theory classes and flight simulation practice training. A multiple screen flight simulation practice (with Aeroplane model C172) will be used throughout the programme.

PROGRAMME STRUCTURE

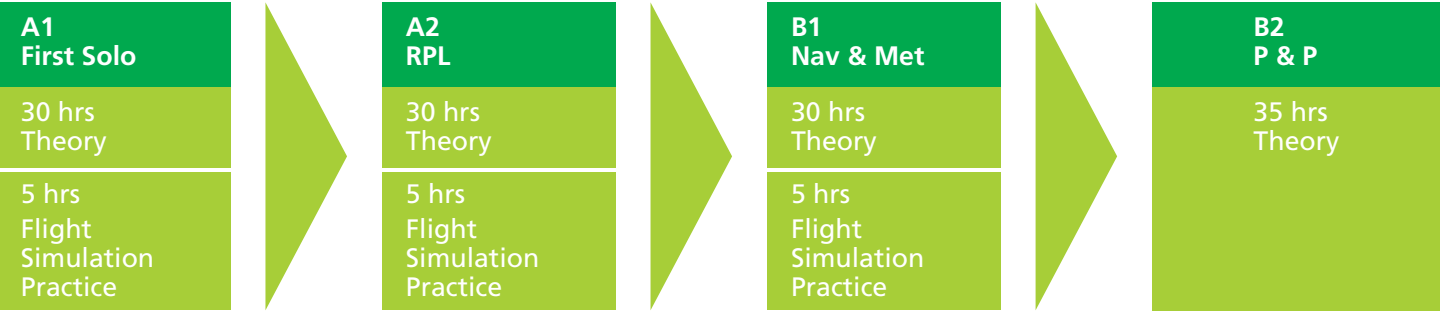
The programme is based on the Syllabus for the Private Pilot’s Licence (Aeroplanes) published by Civil Aviation Safety Authority (CASA) of the Australian Government. It contains 4 articulated modules which will lead to the Private Pilot Licence (PPL) level of training. The four individual modules are as follow:

- Part A
- (A1) First Solo Module
- (A2) Recreational Pilot Licence (RPL) Module
- Part B
- (B1) Navigation and Meteorology Module
- (B2) Performance and Planning Module

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PROGRESSION OF TRAINING



MODULE DESCRIPTION

(A1) First Solo Module

Introduce general aviation and knowledge of flying including aviation terminology, air law & flight rules, flight procedures, basic principles of flight, how powered aircraft works, the typical training aircraft, engine systems & flight instruments. It also covers some topics in human performance & limitation, simple navigation using aeronautical charts & radiotelephony communications to prepare students for their first solo flying.

Flight simulation classes will include aircraft familiarisation, pre-flight aircraft & instrument checks, radiotelephony practice, take-off, straight and level flight, turns, climb and descent. A progress test will be conducted at the end of the module.

(A2) Recreational Pilot Licence (RPL) Module

Pre-requisite: First Solo Module

With an Australian RPL licence, students may carry passengers to fly in designated areas where they were trained. This module will focus on more specific topics that are required for qualified solo flying such as aircraft performance, calculation on load & balance, documentations, emergency procedures, meteorology & human factors. This module will prepare students to attend the Basic Aeronautical Knowledge (BAK) test which is part of the requirement for obtaining the RPL qualification.

Flight simulation classes will include consolidation on basic manoeuvres approach & landing, and standard circuit training. A mock BAK test will be conducted at the end of the module.

(B1) Navigation and Meteorology Module

Pre-requisite: RPL Module

This module will cover two essential topics – navigation & meteorology – in pilot training for obtaining the full Private Pilot Licence. Air navigation techniques, use of aeronautical charts, map reading techniques, use of radio navigation aids on VFR flight will be discussed. For the meteorology part, atmospheric fundamentals, clouds & precipitation, pressure systems, wind, hazardous weather & Australian aviation MET services will be discussed.

Flight simulation classes will include demonstration on navigation flight, identification of ground features & practice in the use of radio navigation aids. A progress test will be conducted at the end of the module.

(B2) Performance and Planning Module

Pre-requisite: Navigation & Meteorology Module

Details of aircraft performance & flight planning will be discussed in this module. It will include airworthiness & aircraft equipment; aircraft data on airspeed, manoeuvre & weight limitations, takeoff & landing performance & aircraft loading & balance calculation. Flight planning will include initial planning, route & level selection, navigation plan, time & fuel planning, planning for emergencies & flight notification. A mock PPL theory test which will be conducted at the end of the module.

PROGRAMME DURATION AND TEACHING MODE

Programme duration is 18 months. Each module contains 35 hours (14 meetings) leading to a total of 140 hours of the whole Certificate programme. The programme will be delivered in part-time mode with theory lectures on weekday evenings and flight simulation practice on weekends. The programme will be delivered by lectures with professional qualification on aviation. The medium of instruction is English, supplemented with Cantonese if necessary.

ASSESSMENT

For each module assessment comprises an examination (multiple-choice) and successful completion of various tasks in the flight simulation practice with a minimum of 70% attendance.

AWARD REQUIREMENTS

Successful completion of assessment tasks of all modules within 36 months plus at least 70% or attendance for all modules.

ENTRY REQUIREMENTS

Applicant shall have gained:

- Level 2 in English Language in the HKDSE Examination; OR
- Level 2 in English Language in the HKCEE in or after 2007; OR
- Grade E in English Language (Syllabus B) or Grade C in English Language (Syllabus A) in the HKCEE before 2007.

Applicants with other equivalent qualifications will be considered on individual merit.

FEES

The programme offers flexible learning modes and students may apply the programme on module basis.

Two learning packages could be purchased separately.

- Tuition fees
 - HK\$4,100 for each module;
 - HK\$7,460 for package enrolment of the 2 modules in Part A or Part B;
- Learning Packages
 - Part A - RPL Pilot Instruction Kit: HK\$800 (submit to tutor in the 1st lesson of A1 Module);
 - Part B - PPL Pilot Instruction Kit: HK\$1,480 (submit to tutor in the 1st lesson of B1 Module)

APPLICATION

There are 4 intakes per year for Part A modules and 2 intakes per year for Part B modules.

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

- Completed enrollment form
- Course fee
- Original certificate(s) for verification
- A copy of each certificate



Australian Private Pilot Licence Theory Training (for Secondary School Students)

INTRODUCTION

The programme is designed for senior secondary students who are interested in aviation and learning to fly. It will prepare students with the necessary knowledge and skills that are required for supporting their future practical flight training. The curriculum is based on the syllabus for the Australian Private Pilot Licence (Aeroplanes) published by Civil Aviation Safety Authority (CASA) of the Australian Government. A multiple screen flight simulation practice (with Aeroplane model C172) will be used throughout the programme.

PROGRAMME STRUCTURE

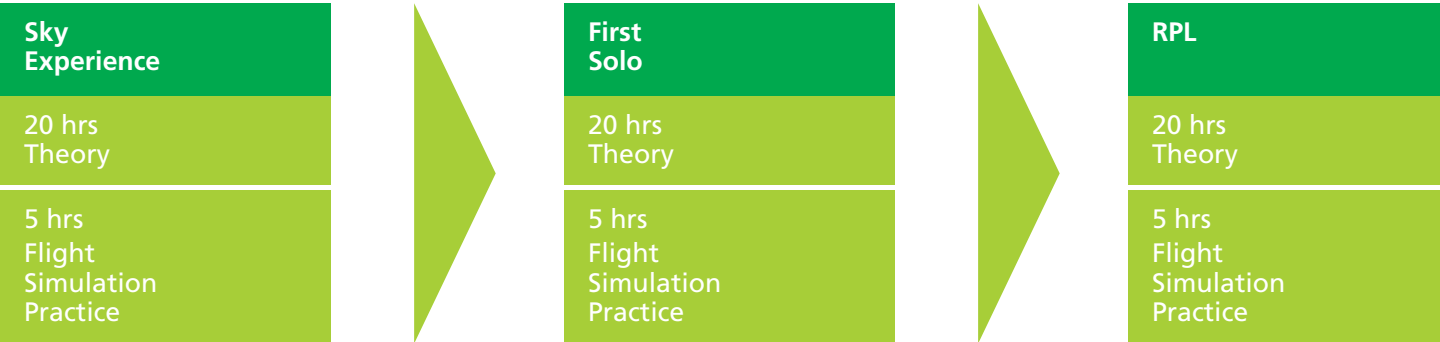
It contains 3 articulated modules which will lead to the recognized Australian Recreational Pilot Licence (RPL) level of training.

- (1) Sky Experience Module
- (2) First Solo Module
- (3) Recreational Pilot Licence (RPL) Module

**The programme is supported by the Hong Kong Flight Training Centre (HKFTC) with provision of certified trainers.*



PROGRESSION OF TRAINING



MODULE DESCRIPTION

(1) Sky Experience Module

Introduce general aviation and flying knowledge including basic principles of flying, how powered aircraft works, the typical training aircraft, aviation terminology, air law and flight rules, flight procedures, simple navigation, radiotelephony communications and how weather conditions affect flying.

Flight simulation classes will include aircraft familiarisation, pre-flight aircraft and instrument checks, radiotelephony practice, take-off, climb, straight and level flight and turns. A progress test will be conducted at the end of the module.

(2) First Solo Module

Pre-requisite: Sky Experience Module

Students will be taught in details in many areas such as engine systems, flight instruments, more on operational procedures, flight performance and basic navigations using aeronautical charts. Some topics in human performance & limitation will be explored. Further training on radiotelephony conversation using a simulated environment will be provided in order to prepare students for their first solo flying.

Flight simulation classes will include pre-flight aircraft and instrument checks, general handling, climbing flight and descending flight. A progress test will be conducted at the end of the module.

(3) Recreation Pilot Licence (RPL) Module

Pre-requisite: First Solo Module

With an Australian RPL licence, students may carry passengers to fly in designated areas where they were trained. This module will focus on more specific topics that are required for qualified solo flying such as aircraft performance, calculation on load & balance, documentations, emergency procedures, meteorology and human factors. This module will prepare students to attend the Basic Aeronautical Knowledge (BAK) examination which is part of the requirement for obtaining the RPL licence.

Flight simulation classes will include consolidation on approach & landing, and circuit training, basic navigation aids & emergency practice. A mock BAK examination will be conducted at the end of the module.