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 at 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.

PROGRAMME STRUCTURE

The course consists of 21 contact hours (7 meetings) programme contents include:
- Theory training (12 hours):
  - General Aviation Terminology
  - 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):
    - Interview questions on the occupational requirements of a commercial aircraft pilot
    - Mock up test on the 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.

- Flight simulation practice (6 hours):
  - Basic aircraft navigation
  - Theory of Flight
  - General Aviation Terminology

- Theory class and 5 hours of simulation practice. The programme will be taught by qualified lecturers with theory lectures on weekday late afternoons and flight simulation practice on weekends.

- Workshop on aircraft pilot mock up interview (3 hours):
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INTRODUCTION

This course is designed to teach students, who have passion in flying and the aviation industry, the basic knowledge and skills 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 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 lecturers 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.

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

APPLICATION

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

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    - Mock up test on the simulation of aircraft pilot career personality
    - Mock up interview practice

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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

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

**INTRODUCTION**

The programme is designed for secondary school students who are interested in aviation and learning to fly. It will provide students with the necessary knowledge & skills that are required for supporting their first practical flight training. The curriculum is based on the syllabus for the Australian Private Pilot Licence (Aeroplane) 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. **RPL Module**

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

**MODULE DESCRIPTION**

(1) **Sky Experience Module**
- Introduction general aviation and knowledge of aircraft in flight, navigation, air law & flight rules, flight planning procedures, bases of flight, how powered aircraft works, the typical training aircraft, engine systems & instrumentation.

(2) **First Solo Module**
- Initial and basic principles of flight, how powered aircraft works, the typical training aircraft, engine systems & instrumentation.
- Flight simulation classes will include consolidation on basic manoeuvres approach & landing, and standard circuit training, basic navigation aids & 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.

(3) **RPL Module**
- 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.

**MODULE REQUIREMENTS**

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

**PROGRAMME DURATION AND TEACHING MODE**

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

**APPLICATION**

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, documentation, emergency procedures, meteorology and human factor. This module will be delivered by lecturers with professional qualification on aviation. The medium of instruction is English, supplemented with Cantonese if necessary.

**PROGRESSION OF TRAINING**

- **20 hrs** Flight Simulation Practice
- **5 hrs** Flight Theory
- **20 hrs** Flight Simulation Practice

- **20 hrs** Flight Simulation Practice

- **5 hrs** Flight Theory

**awards**

Successful completion of assessment tasks of all modules within 16 months plus at least 70% or attendance for all modules.

**ENTRY REQUIREMENTS**

Applicant shall have gained:

- Level 2 in English Language in the HKCEE examination or after 2007, OR
- Level 2 in English Language in the HKDSE Examination;
- Grade C or above in English Language (A-Level) 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 modes could be purchased separately.

**TECHNICALITIES**

This programme will cover two essential topics – navigation & meteorology – in pilot training for obtaining the 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, atmosphere fundamentals, clouds & precipitation, pressure systems; wind, hazards associated with VFR flight and aerodrome KT364 services will be discussed.

Further flight simulation classes will include consolidation on navigation flight, identification of ground features & practice in instrument meteorology. A mock PPL test will be conducted at the end of the module.

**Certificate in Australian Private Pilot Licence Training**

## PROGRAMME DESCRIPTION

The programme is based on the syllabus for the Private Pilot's Licence (Aeroplane) 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**
  - First Solo Module
  - Recreational Pilot Licence (RPL) Module
- **Part B**
  - Navigation and Meteorology Module
  - Performance and Planning Module

The programme is supported by the Hong Kong Flight Training Centre (HKFTC) with provision of certificated trainers. Flight simulation classes will include demonstration on navigation flight, identification of ground features & practice in wind, hazardous weather & Australian aviation MET services will be discussed.

**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 lessons on weekends and flight simulation practice on weekdays. The programme will focus on more specific topics that are required for qualified solo flying such as aircraft performance, calculation on load & balance, documentation, emergency procedures, meteorology and human factors.**

**AWARD REQUIREMENTS**

Successful completion of assessment tasks of all modules within 16 months plus at least 70% or attendance for all modules.

**ENTRY REQUIREMENTS**

Applicant shall have gained:

- Level 2 in English Language in the HKCEE Examination; OR
- Level 2 in English Language in the HKCEE in or after 2007; OR
- Grade C or above in English Language (A-Level) 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 modes could be purchased separately.

**APPLICATION**

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

**APPLICATION**

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

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

The programme is supported by the Hong Kong Flight Training Centre (HKFTC) with provision of certificated trainers. Flight simulation classes will include consolidation on approach & landing, and circuit training, basic navigation aids & emergency procedures. A mock BPL examination will be conducted at the end of the module.

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