



Private Pilot License Theoretical Knowledge Course

CONNECTION TECHNOLOGY 裝備未來
FUTURESKILLS

Private Pilot License (PPL) Theoretical Knowledge Course provides comprehensive and high-quality ground training to aspiring pilots, ensuring they acquire the essential theoretical knowledge required to obtain a Private Pilot License (PPL). This course aims to meet the standards for QF qualification, enhancing the credibility and recognition of the training provided.

Programme code	10016589-01
Date and time	19 & 26 October 2024 2, 16, 23 & 30 November 2024 7 & 14 December 2024 (Saturday) 10:00 – 15:00 *8 weeks in total
Venue	HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong. (Kowloon Tong MTR Station)
Medium	English
Course fee	HK\$5,000

Learning objectives

- 1. Understand Aviation Theory:** Students will grasp fundamental principles of flight, including aerodynamics, navigation, meteorology, and aircraft systems.
- 2. Develop Practical Knowledge:** Students will learn practical aspects of flying, such as flight planning, air traffic control procedures, and aviation regulations.
- 3. Enhance Safety Awareness:** Students will gain a thorough understanding of aviation safety protocols and emergency procedures.
- 4. Prepare for PPL Exams:** The course will equip students with the knowledge and confidence needed to successfully pass the theoretical exams for the PPL.

Course Outline

Chapter 1: Air Law

- Regulatory framework (ICAO, CAAC)
- Aircraft registration and identification
- Personnel licensing and medical requirements
- Rules of the air and airspace classifications

Chapter 2: Aeroplane General Knowledge

- Airframe components (fuselage, wings, landing gear)
- Engine operation and instruments
- Aircraft systems (fuel, oil, electrical)
- Instrumentation (airspeed, altimeter, gyroscopic instruments)

Chapter 3: Flight Performance and Planning

- Factors affecting aircraft performance
- Take-off and landing calculations
- Flight planning and fuel requirements

Chapter 4: Human Performance

- Physiological effects of altitude
- Psychological factors (decision-making, situational awareness)
- Managing fatigue and stress

Chapter 5: Meteorology

- Composition and structure of the atmosphere
- Atmospheric pressure, density, and temperature
- Weather phenomena (clouds, fronts, thunderstorms)

Chapter 6: Navigation

- Fundamentals of Earth and maps
- Aeronautical charts and compass use
- Practical navigation and radio navigation aids

Chapter 7: Operational Procedures

- ICAO operational standards
- Search and rescue operations
- Accident investigation procedures

Course Outline

Chapter 8: Principles of Flying

- Atmospheric composition and airflow principles
- Lift and drag concepts
- Forces acting on an aircraft during flight

Chapter 9: Advanced Navigation Techniques

- Use of GPS and radar
- Advanced flight planning and airspace management

Chapter 10: Emergency Procedures

- In-flight emergency protocols
- Handling in-flight diversions and system failures

Trainer's Profile

Mr. Steven CHEUNG is a licensed commercial and private pilot with extensive experience in the aviation industry. He is the chairman of Hong Kong Professional Airline Pilots Association and Founder and CEO of Seaplane Hong Kong. He made history as the first Chinese pilot at Lufthansa Group and the first Hong Kong pilot to receive the Air League HRH Prince Philip Duke of Edinburgh Flying Bursaries. Steven has piloted for Hong Kong Express Airways and Adria Airways and his flight training includes type ratings for the A320 and CL65, as well as comprehensive training in UPRT and MCC/JOC. Steven is also dedicated in inspiring the next generation of pilots which is demonstrated as he founded the Pilot Mentoring Programme and took part in different training programmes in HKPAPA.

Enrolment method

1. Scan the QR code to complete the enrolment and payment online. OR
2. Mail the crossed cheque with payee name "Hong Kong Productivity Council" (in HK dollar) and the application form should be mailed to HKPC Academy, Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Ms Jenny Fung). Please indicate the course name and course code on the back of the cheque and envelope. Or

Visit the registration counter of HKPC Academy, Hong Kong Productivity Council (1st Floor, HKPC Building, 78 Tat Chee Avenue, Kowloon) to enrol and settle the course fee. Office hours: Monday to Friday 09: 00 - 18: 00

