



Year **1** Entry

Self-financed
ST125104

Year **3** Entry

Self-financed
ST125104

**Bachelor of
Engineering
(Honours) in Aircraft
Engineering**

**飛機工程
(榮譽)工學士**

PROGRAMME HIGHLIGHTS

- Provides students with a degree qualification widely recognised by the aircraft engineering and maintenance industry;
- Emphasises on professional trainings and techniques highly desired by the aviation field;
- Equips students with professional engineering knowledge and practical skills in the following particular subject areas:

- | | | |
|-----------------------------------|--------------------------|---|
| 1. Aircraft Design | 4. Jet Engine | 7. Human Factors & Air Legislation |
| 2. Aircraft Maintenance Practices | 5. Avionics | 8. Safety & Reliability |
| 3. Aerodynamics | 6. Engineering Materials | 9. Aircraft Maintenance Organisation & Management |

● Professional Recognition

This Programme has been approved by the Hong Kong Civil Aviation Department (HKCAD) as a HKAR-66 Cat. B1.1 Basic License Training Course. Graduates who accumulate around 1,100 hours of aircraft maintenance practical training and pass all the HKAR-66 Cat. B1.1 knowledge examinations and practical assessments are eligible to award the HKAR-147 Certificate of Recognition (CoR). With this CoR, graduates only need 2 years of relevant work experience to apply the HKAR-66 Cat. B1.1 Aircraft Maintenance Licence.



This programme is recognised under the QF (Level 5)
QR Registration No. : 19/000917/L5
Registration Validity Period: 01/09/2019 To 31/08/2024

For online application:
VTC Web-based Admissions System
www.vtc.edu.hk/admission



Industry Endorsement

"Because of our strategic location in the heart of Asia, Hong Kong is one of the busiest aviation hubs in the world (Hong Kong Airport is the world's third busiest for international passenger and first for cargo). The Aircraft Engineering degree programme offered by the Faculty of Science and Technology of THEI is vocationally-oriented and features both theoretical and practical trainings which meet the genuine needs of the industry. The programme is recognised by HKCAD as a HKAR66 Cat. B1.1 Basic Licence Training Course. Graduates from this programme will be professionally competent in the industry."

Captain

CHAN Chi-pui, Michael

MBS, MBB, GMSM, AE

Former Controller, Government Flying Service

The Government of the Hong Kong Special Administration Region

Core Courses

- Aircraft Maintenance Procedures & Techniques
- Human Factors & Air Legislation
- Aerodynamics & Fluid Dynamics
- Aircraft Maintenance Organisation & Management
- Safety & Reliability
- Aircraft Avionics Systems
- Aircraft Structure & Accessory Systems
- Flight Stability & Automatic Control
- Gas Turbine Engine Design

Career Prospects

Graduates may pursue in the following careers:

- Aircraft material/parts controllers
- Cadet pilots
- Planning officers
- Non-destructive test inspectors
- Graduate trainees
- Aircraft design engineers
- Aircraft maintenance assistant engineers
- Component maintenance technicians
- Quality assurance officers
- Technical services engineers
- Management trainees

Supporting Industrial Partners

(In alphabetical order)

- Cathay Pacific Airways Limited
- China Aircraft Services Limited
- Dah Chong Hong - Dragonair Airport GSE Service Limited
- Dragon General Aviation Group Limited
- Government Flying Service
- Guangzhou Civil Aviation College
- Hong Kong Aircraft Engineering Company Limited
- Pan Asia Pacific Aviation Services Limited

Work-integrated Learning

Work-integrated Learning (WIL) modules are directed industry attachments that provide powerful learning experiences by integrating theoretical learning with its application in the workplace. Students are required to complete the relevant Work-integrated Learning to be eligible for the award of Bachelor of Engineering (Honours) in Aircraft Engineering.

