

# Small Unmanned Aircraft (SUA) Advanced Rating Training

Let's be a CAD certified pilot for SUA!



CONNECTION TECHNOLOGY 裝備未來  
**FUTURESKILLS**

Course Fee: HK\$9,840 (May apply up to HK\$6,560 subsidy)

\*Maximum saving, with the final grant subjects to approval.



In recent years, SUA technology becomes one of the FutureSkills required in the Industry 4.0 era. It is important to understand how to fly a drone safely and legally without endangering others. However, much of the public is not familiar with the drone regulations and restrictions.

Hong Kong Productivity Council (HKPC) is one of the Training Organisations working with Civil Aviation Department (CAD) on the SUA Advanced Rating Training Course. In this course, syllabus is based on the requirements of Advanced Rating Training from CAD. It assists participants in the early understanding of safety oversight requirements and applications for conducting advanced operations and enables graduates to apply for CAD Advanced Rating under the new legislation.

## Date and time

Theoretical: 6 – 7, 13 August 2025  
Practical: 14 – 15 August 2025  
Time: 09:00 - 18:00

## Venue

HKPC Building :  
Theoretical Knowledge Instruction  
OTG Venue :  
Practical Flight Training

## Medium

English materials with Cantonese instruction

## Course fee

HK\$ 9,840 per person

## Remarks

- Course fee includes training material, flight training, drone rental, administration and assessment fees
- **2-hour flight log within the past 12 months prior to the 1st Day of the Practical Training is required to be submitted for each participant**
- Participant with drone flying experience is recommended

## Objectives

After attending theoretical knowledge training and practical flight training, participants need to pass the theoretical examination & practical assessment to prove the competence in operating SUA. Participants may

- ✓ Obtain knowledge of SUA operation and safety regulation in Hong Kong
- ✓ Obtain certificate issued by Hong Kong Productivity Council to apply for Advanced Rating from Civil Aviation Department (with minimum participation of 80% of total training hours, passed theoretical knowledge examination & practical assessment)

### NITTP Training Grant Application

Companies should submit their NITTP training grant application for their employee(s) via <https://nittp.vtc.edu.hk/rttp/login> at least **five weeks before** course commencement. Alternatively, [application form](#) could be submitted to the Secretariat in person, by post, by fax or by email to [nittp@vtc.edu.hk](mailto:nittp@vtc.edu.hk) together with supporting documents.

This course is an approved New Industrialisation and Technology Training Programme (NITTP), which offers up to 2/3 course fee reimbursement upon successful applications. For details: <https://nittp.vtc.edu.hk>.

## Course Schedule

Schedule	Morning content	Lunch	Afternoon content	Venue
Day 1	Theoretical Knowledge Instruction (4 hours)	12 – 1PM (1 hour)	Theoretical Knowledge Instruction (4 hours)	HKPC Building
Day 2	Theoretical Knowledge Instruction (4 hours)		Theoretical Knowledge Instruction (4 hours)	HKPC Building
Day 3	Theoretical Knowledge Instruction (4 hours)		Theoretical Knowledge Examination (2 hours)	HKPC Building
Day 4	Practical Flight Training (4 hours)		Practical Assessment (4 hours)	OTG Venue
Day 5	Practical Assessment (4 hours)		Practical Assessment (4 hours)	OTG Venue

## Course Content

### Part 1: Rules and regulation (5.5 hours)

- ✓ Local and non-local SUA regulatory bodies
- ✓ Civil Aviation Ordinance and its sub-legislation with key focus on Cap. 488G
- ✓ CAD's SUA safety guidelines and requirement document

### Part 2: Airspace (5.5 hours)

- ✓ Classification of airspace and restrictions for aircraft including SUA
- ✓ Restricted Flying Zones (RFZs) for SUA
- ✓ Other applicable airspace concerns

### Part 3: Maps, units of measurement and navigation (5.5 hours)

- ✓ Use of maps and aviation charts
- ✓ Units of measurement
- ✓ Conversion of time system
- ✓ Principles of navigation and restrictions

### Part 4: Aircraft general knowledge (5.5 hours)

- ✓ Principles of flight
- ✓ Essential systems and components of SUA
- ✓ Operational limitations
- ✓ Maintenance and battery management

### Part 5: Meteorology (5.5 hours)

- ✓ Effects on SUA
- ✓ Obtaining and interpreting weather information
- ✓ Local weather assessments prior to SUA operations

### Part 6 : Airmanship and human performance (5 hours)

- ✓ Flight safety
- ✓ Crew Resources Management (CRM)
- ✓ Documentation and record keeping
- ✓ Perception and illusion
- ✓ Medical fitness

### Part 7 : Operations manual, flight planning and procedures (5.5 hours)

- ✓ Pre-planning
- ✓ Risk assessment and management
- ✓ Normal and emergency operating procedures
- ✓ Operations Manual (OM) and checklists
- ✓ Hazard and situational awareness
- ✓ Communication with Air Traffic Control and other airspace users
- ✓ Pre-flight, in-flight and post-flight procedures

## SUA Training Organisation (STO) Examiners & Trainers

### **Mr. LAW Lap Yan, Lyan**

- Programme Manager, SUA Training Organisation
- Head, Industry 4.0 and Industrial Drone Solution, Greater Bay Area Business Development Division
- Digital@HKPC & Reindustrialisation Center Manager, HKPC
- Hong Kong Industrial Drone Technology Center Manager, HKPC
- Registered Remote Pilot (Advanced Rating), Hong Kong Civil Aviation Department
- Certified Industrie 4.0 Expert & Industrie 4.0 Principal Advisor, Fraunhofer IPT Germany
- Certified Drone Pilot – Commercial (CDP-C), UAV Academy, UK
- Certificate of Competence in Remote Pilot – Theoretical Knowledge/General Airmanship Syllabus, UAC Academy, UK
- Certificate of Practical Flight Assessment, UAV Academy, UK

### **Mr. TSE Pak To, Bruce**

- Lead Instructor & Practical Assessor, OTG OnTheGo Limited
- Examiner and Instructor, DJI Academy UTC Hong Kong
- Registered Remote Pilot (Advanced Rating), Hong Kong Civil Aviation Department
- Certified Drone Pilot – Commercial UAS Training – Level 1, Aerial Photography (Basic) & UAS Inspection, DJI Academy UTC Hong Kong
- Certified Drone Pilot – Remote Pilot License (RePL), up to 25kg, FPV Australia, Civil Aviation Safety Authority, Australia
- Chief Consultant, Chinese UAS Education Development Exchange Association (中華無人機教育發展交流協會)

### **Mr. TSANG Ho Kin, Leo**

- Instructor, OTG OnTheGo Limited
- Registered Remote Pilot (Advanced Rating), Hong Kong Civil Aviation Department

## **Enrolment Method**

Please complete the enrolment form ([Download here](#)) and return the form by below method:

1. Email to [sua@hkpc.org](mailto:sua@hkpc.org)
2. Send us the crossed cheque payable to “Hong Kong Productivity Council by post within two weeks.”

Mailing Address: 5/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Kowloon, Hong Kong (Attn: Miss Kitty CHOW). Please write down your full name, contact no. and course name at the back of the cheque.

### Remarks

- (i) The course enrolment is made on first-come-first-served basis.
- (ii) Application will be processed only upon receipt of the completed enrolment form and payment.
- (iii) Please contact the Course Secretariat if you would like to complete the course fee by other payment methods.
- (iv) Instructor assignment is subject to change without prior approval