

**ACADEMY LEVEL COURSE**

# **AERIAL PHOTOGRAPHY & VIDEOGRAPHY**

The UAV Academy of Asia Sdn Bhd (1302071-D)

**DRONE  
ACADEMY**  
— ASIA —



## **LOCATION**

Futurise Centre, Persiaran APEC,  
Cyber 8, Cyberjaya Selangor.

\*In-House (Group) Training  
Across Malaysia

## **COURSE FEES**

RM 2,950 per pax

## **DURATION**

2 Days • 9am – 5pm



## COURSE OVERVIEW

Controlling an Unmanned Aircraft System (UAS) or Drone while simultaneously working the camera takes essential know-how and practised skills.

Aerial Photography and Videography offer a unique perspective and are commonly used in many industries.

This course helps build the confidence you need to capture Aerial Photography and Videography. You will also learn essential knowledge for a safe flight with stringent operational procedures.

Whether you want to capture aerial images for creative purposes or use your skills in monitoring infrastructure conditions, this course is most suited for beginners looking to start using drones for work.

## COURSE MODULES

### Module 1: UAS General Knowledge

- 1.1 Complete UAS Solution
- 1.2 UAS Principles of Flight I (Thrust, Lift, Drag, Weight)
- 1.3 UAS Principles of Flight II (Roll, Pitch, Yaw, Ascend/Descend)
- 1.4 Important UAS Components

### Module 2: UAS Regulations

- 2.1 UAS Regulators & Regulations in Malaysia
- 2.2 Airspace Management
- 2.3 Permit Application in Malaysia
- 2.4 Basic Risk Assessment

### Module 3: Concept of UAS Operations

- 3.1 Flight Planning and Considerations
- 3.2 Pre-Flight to Post-Flight SOPs
- 3.3 UAS Flight Controls
- 3.4 Emergency & Preventative Measures

### Module 4: Aerial Photography/Videography

- 4.1 Elements for Great Imagery Outputs
- 4.2 Aerial Photography & Videography Workflow & Settings
- 4.3 Intelligent Flight Features
- 4.4 Ideas for Great Imagery Outputs



## **COURSE MODULES**

### **Module 5: Pre-Flight Procedures (Hands-On)**

- 5.1 Flight Planning
- 5.2 UAS Setup with Checklist
- 5.3 Performing Calibrations
- 5.4 Flight Simulator

### **Module 6: In-Flight Procedures I (Hands-On)**

- 6.1 Flight Display Systems
- 6.2 UAS Functionality Check
- 6.3 Basic and Combined Maneuvers
- 6.4 Aerial Photography/Videography

### **Module 7: In-Flight Procedures II (Hands-On)**

- Emergency Maneuvers
- Return to Home (RTH) Function
- Intelligent Flight Features
- Aerial Photography/Videography Project

### **Module 8: Post-Flight Procedures (Hands-On)**

- UAS Post-Flight Actions
- Basic Maintenance
- Debriefing
- Operation Review and Enhancement

### **Module 9: Other UAS Applications**

- Overview of UAS Industry Applications
- Benefits of UAS Applications
- Type of Sensors Used in UAS Applications
- UAS Applications Review and Sharing

## COURSE SUMMARY



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2 Days, 9am-5pm



### COURSE FEES

RM 2,950



### PREREQUISITES

None



### CERTIFICATE

Certificate of Training



### MINIMUM AGE

18 Years Old



### LOCATION

Cyberjaya  
or  
Customised  
Location



### EQUIPMENT

DJI Drones  
Provided



### MATERIALS PROVIDED

Student Handbook



EMAIL  
[admin@droneacademy-asia.com](mailto:admin@droneacademy-asia.com)

PHONE  
+6010 259 9502

WHATSAPP  
[wa.me/60102569502](https://wa.me/60102569502)

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