

**CAAM CERTIFIED RCOC  
MODULE 1 EVLOS**

# REMOTE PILOT CERTIFICATE OF COMPETENCY: EXTENDED VISUAL LINE OF SIGHT (EVLOS)

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

**DRONE  
ACADEMY**  
— ASIA —



## LOCATION

- Futurise Center, Cyberjaya, Selangor.
- Kuching, Sarawak
- Miri, Sarawak

## DURATION

2 Days • 9am – 5pm

## COURSE FEES

RM 2,950 per pax

*\*Contact to request for Group Pricing*



## COURSE OVERVIEW

Under the Civil Aviation Directive 6011 Part (I), which it highlights the means of compliance with drone operational standards, drone operators are required to have the Remote Pilot Certificate of Competency-Basic and EVLOS certificate to carry out EVLOS operations.

This comprehensive 2-day course includes comprehensive theory and practical outdoor flight training to equip participants with the necessary skills, techniques and knowledge required to conduct EVLOS operations in a safe and effective manner.

With the certificate, drone operators can graduate to Extended Visual Line of Sight (EVLOS) operations primarily involving an unmanned aircraft being flown beyond VLOS but using visual observers to avoid collisions.

## COURSE OBJECTIVE

Through theoretical and practical operations learning and development, this course enables professionals to become CAAM (Civil Aviation Authority of Malaysia) Certified Remote Pilots for EVLOS Operations.

## LEARNING OUTCOMES

This training prepares the trainee to operate EVLOS operations in a safe and effective manner in accordance with the established Malaysia UAS safety rules and regulations.

---

## COURSE MODULES

In accordance with CAAM Civil Aviation Directive 6011 Part I: Syllabus for RCoC Module 1 EVLOS (Issue 1st March 2021):

### Module 1: Introduction to BVLOS Operations with Visual Mitigations

- 1.1 EVLOS Operations
- 1.2 Operations with Visual Observers
- 1.3 Airspace Scanning
- 1.4 Positioning of Visual Observers
- 1.5 Deconfliction Methods



## **COURSE MODULES**

### **Module 2: Pre-Flight Actions (Considerations)**

- 2.1 Weather
- 2.2 Airspace Restrictions & NOTAMs
- 2.3 Terrain
- 2.4 UAS Performance

### **Module 3: Pre-Flight Actions (Visual Observers Briefings)**

- 3.1 Competency, Roles & Responsibilities
- 3.2 Communications & Equipment
- 3.3 Final Checks
- 3.4 Remote Pilot (EVLOS)

### **Module 4: In-Flight Procedures (with Visual Observers)**

- 4.1 Effective Communications
- 4.2 Maintaining VLOS of Remote Pilot & Visual Observers
- 4.3 Maintaining Situational Awareness
- 4.4 Transfer of VLOS Responsibility
- 4.5 Simulated Exercises (Abnormal Conditions)

### **Module 5: In-Flight Procedures (Without Visual Observers)**

- 5.1 Scanning the Airspace without Visual Observers
- 5.2 Increased Overall Workload
- 5.3 Flight under Abnormal Conditions
- 5.4 Summary

## COURSE SUMMARY

Scan to  
WhatsApp us.



### DURATION

2 Days, 9am-5pm  
(Inc. Assessments)



### COURSE FEES

RM 2,950



### PREREQUISITES

RCoC-B



### CERTIFICATE

RCOC Module 1  
EVLOS



### MINIMUM AGE

18 Years Old



### LOCATION

Cyberjaya  
or  
Kuching



### EQUIPMENT

DJI Matrice  
300/350 RTK  
or  
DJI Matrice 4  
Enterprise  
or  
DJI Mavic 3  
Enterprise



### MATERIALS PROVIDED

Training Materials,  
Meals for 2 Days  
and Drone  
Academy Asia  
Trainee T-Shirt

### QUALIFICATION

SPM English Grade  
C+ and above



### EMAIL

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

### PHONE

+6010 259 9502

### WHATSAPP

[wa.me/60102599502](https://wa.me/60102599502)

### FACEBOOK

[@droneacademyasia](https://www.facebook.com/droneacademyasia)





**DRONE  
ACADEMY**  
— ASIA —

**EMAIL**

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

**PHONE**

+6010 259 9502

**ADDRESS**

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

Sarawak - Kuching: Chemsain

172, Jalan Rock, Min Chu Garden, 93200 Kuching.

Sarawak - Miri: Curtin University Malaysia

CDT 250, 98009 Miri.

**WHATSAPP**

[wa.me/60102599502](https://wa.me/60102599502)

**FACEBOOK**

[@droneacademyasia](https://www.facebook.com/droneacademyasia)

# RCOC MODULE 1 EVLOS COURSE SCHEDULE

2 DAYS | PRACTICAL ASSESSMENT | VISUAL OBSERVER TRAINING

## DAY 1

TIME	CONTENT	
9.00 am – 10.00 am	<b>Introduction to BVLOS Operations with Visual Mitigations (EVLOS)</b>	<ul style="list-style-type: none"> <li>• EVLOS Operations and Visual Observers</li> <li>• Risks involved in EVLOS Operations</li> </ul>
10.00 am – 11.00 am	<b>Pre-Flight Actions: Considerations</b>	<ul style="list-style-type: none"> <li>• Environmental Factors: Weather, Terrain</li> <li>• UAS Performance and Airspace Restrictions</li> </ul>
11.00 am – 12.15 pm	<b>Pre-Flight Actions: Visual Observers</b>	<ul style="list-style-type: none"> <li>• Roles &amp; Responsibilities</li> <li>• Communications &amp; Equipment</li> </ul>
12.15 pm – 12.45 pm	<b>In-Flight Procedures (with Visual Observers)</b>	<ul style="list-style-type: none"> <li>• Transfer of VLOS Responsibilities</li> <li>• Simulated Exercises (Abnormal Conditions)</li> </ul>
12.45 pm – 1.00 pm	<b>In-Flight Procedures (without Visual Observers)</b>	<ul style="list-style-type: none"> <li>• In-Flight Procedures (Losing LOS)</li> </ul>
1.00 pm – 2.00 pm	Lunch	
2.00 pm – 3.15 pm	<b>EVLOS Operation Flight Planning</b>	<ul style="list-style-type: none"> <li>• EVLOS Operation Consideration and Planning</li> </ul>
3.15 pm – 5.00 pm	<b>Outdoor Practical Session</b>	<ul style="list-style-type: none"> <li>• Standard Operating Procedures (Pre-flight to Post-flight)</li> <li>• Operation with Visual Observers</li> </ul>
5.00 pm	<b>Conclude Day 1: Q&amp;A</b>	

## DAY 2

TIME	CONTENT	
9.00 am – 1.00 pm	<b>Practical Exam</b>	<ul style="list-style-type: none"> <li>• Sortie 3 and 4</li> </ul>
1.00 pm – 2.00 pm	Lunch	
2.00 pm – 4.45 pm	<b>EVLOS Operation Procedures</b>	<ul style="list-style-type: none"> <li>• Recap on Visual Observers</li> <li>• Being a Better Visual Observer</li> </ul>
4.45 pm – 5.00 pm	<b>Conclude Day 2: Q&amp;A</b>	