

# PROFESSIONAL CERTIFIED DRONE PRACTITIONER (ADVANCE)

**TARGET PARTICIPANT**  
Attended Professional Certified  
Drone Practitioner (Beginner)

**DURATION**  
4 DAYS

**VENUE**  
TNB ILSAS MALIM NAWAR

**RM 7,800 PER PAX**



Energy Industry  
Award 2011-  
Training Provider  
Excellence



Human Resource  
Minister Award  
2007 Winner -Best  
Training Provider  
Category



Role Model  
Company 2013  
for Electrical  
Training  
Programmes by  
JTM



Claimable  
Under  
Scheme  
SBL

## HOW TO APPLY?

For TNB staff: <https://people-matters.com.my>

Nomenclature : ILS-MX-DGS-DR-IL-001

For Non-TNB: [www.tnbilsas.com.my](http://www.tnbilsas.com.my)



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City and Guilds Approved Training Centre

## COURSE SYNOPSIS

The fast-growing global drone industry is already catering to a long list of clients in agriculture, land management, energy, and construction. In the next few years, most growth in the drone industry is on the commercial at a compound annual growth rate (CAGR) of 19% between 2015 and 2020, shifting away from the traditional military market.

In the context of TNB, drone technology has been widely used in many applications (e.g to conduct Transmission Quality Assurance & Quality Control Inspections). As such, there is a need for TNB to train competent personal to handle drone. However, there is no accredited commercial training centre for drone. Thus, it is timely for ILSAS to explore the potential to be one of the accredited commercial training centre for drone.

## COURSE OBJECTIVES

1. Collaboration with Professional Drone Practitioner
2. Preparing participant for drone services/consultation work

### DAY 1

- UAV System Description
- System Assembly and Disassembly
- GCS Operator Interface P1
- GCS Toolbar for Air Vehicle
- Basic Flight Ops P1
- Inventory
- Pre-Flights (PE)

### DAY 2

- GCS Operator Interface
- Basic Flights Ops P2
- Logbook / AV Tracker
- Simulator
- Weather Backup As Required Day Flight
- Professional lesson (Lesson 1-1)
- Discussion—Grouping
- Flight Base

### DAY 3

- Map Plotting / GPS Systems
- Mission Planning
- Emergency Procedure
- Inspection (PE)
- Troubleshooting (PE)
- Operator (2hrs)
- Maintenance (PE)
- Professional Training
- Night Flight / Special mission
- Professional Training Night Flight

### DAY 4

- Range and Bearing Tool
- Advanced Flight Operations
- Airspace Management Eps
- Quiz 1 (PE)
- Flying Assessment and Test
- Closing Ceremony