



FPV Drone Foundations: Systems, Safety & Practical Flight (Part-Time)

This one-day introductory course provides learners with a practical foundation in First Person View (FPV) drone operation.

Combining classroom-based learning, simulator training, and hands-on flight practice, participants will develop an understanding of FPV drone systems, safe operating procedures, and essential piloting skills.

This course is designed to support emerging opportunities within the renewable energy and green technology sectors, and introduces the knowledge required to begin a progression pathway into advanced drone operations.

Entry Requirements

None

Career Prospects

Successful learners can progress on to full drone courses:

- A2 Certificate of Competency (A2 CofC)
- General Visual Line of Sight Certificate (GVC)

Course Modules

This course covers:

- Safe operation of FPV drones
- Overview of different FPV drone types and sizes
- FPV components and their functions
- Basic configuration and system checks
- Battery safety and handling
- Transmitter set up and arming procedures
- Pre-flight safety checks
- Introduction to FPV flight simulators
- Basic flight controls and orientation
- Applying simulator skills to real flight



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- Hovering and throttle management
- Controlled turns and directional flight
- Obstacle navigation

Assessment

Assessed via:

- Practical assessment
- Observation of Participation

STUDY MODE

SC

LOCATION

COURSE LENGTH

1 year