

UAV System Integration & Payload Engineering

A 4-day programme covering the engineering principles and practical techniques required to integrate payloads, flight controllers, power systems, and communications into complete UAV platforms. Participants gain hands-on experience with system-level testing and validation procedures used in professional UAV development. The curriculum addresses the full integration workflow, from mechanical mounting and electrical wiring through to communication protocol configuration and flight testing. Designed for intermediate-level engineers, this course prepares teams to design, build, and certify UAV systems that meet operational requirements for payload capacity, endurance, and mission reliability in defence and security contexts.

Programme Details

- **Participants:** 5-15
- **Duration:** 4 Days
- **Level:** Intermediate
- **Language:** TR / EN
- **Hands-On:** Yes
- **Certificate:** RAVEN Academy System Integration Certificate

Training Modules

- Flight Controllers
- Power Systems
- Payload Integration
- Communications
- Testing



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