

Electro-Optical Systems Engineering

A 5-day programme covering the design, integration, and operation of electro-optical and infrared systems on UAV and ground platforms. Participants gain hands-on experience with EO/IR cameras, thermal imaging payloads, gimbal systems, and video interface standards used in modern defence applications. The curriculum addresses the full lifecycle of EO system deployment, from optical design principles and sensor selection through to calibration procedures and real-time video transmission. Hands-on practice is optional, allowing the course to be tailored for engineering teams focused on system design or operational crews focused on payload utilisation and maintenance.

Programme Details

- **Participants:** 10-20
- **Duration:** 5 Days
- **Level:** Intermediate
- **Language:** TR / EN
- **Hands-On:** Optional
- **Certificate:** RAVEN Academy EO Systems Certificate

Training Modules

- EO/IR Cameras
- Thermal Imaging
- Optics
- Gimbals
- Calibration
- Video Interfaces



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