COURSE INFORMATION

Modern Security Technology

Understand surveillance. Integrate systems. Strengthen security.

Course Overview

The **Modern Security Technology** course equips security professionals with a practical understanding of contemporary electronic and digital technologies used to protect people, assets and facilities. The programme introduces surveillance, electronic access control, alarms, intelligent monitoring and integrated security systems.

Participants explore CCTV and IP cameras, video analytics, biometric systems, visitor management, control rooms, GPS monitoring, electronic incident reporting, artificial intelligence and cybersecurity awareness. The focus is on informed operation, coordination and responsible use of security technology.

Who Should Enrol?

Retired and transitioning military, police and other security personnel; corporate and private security officers; security supervisors; control room operators; facility managers; and professionals seeking opportunities in technology-enabled security operations.

COURSE PURPOSE

To develop the knowledge to understand, coordinate and responsibly use modern surveillance, access control, electronic monitoring and integrated security technologies.

Course Outline

Ten modules covering electronic systems, intelligent monitoring and technology risk.

01	**Introduction to Security Technology** • Technology in contemporary security operations • Electronic and digital systems and their components • Roles of technology-enabled security professionals
02	**CCTV and IP Camera Systems** • Analogue, digital and IP camera technologies • Camera placement, coverage and monitoring • Video storage, retrieval and basic troubleshooting
03	**Video Analytics and Surveillance** • Motion detection, object tracking and automated alerts • Intelligent surveillance and AI-assisted analytics • Privacy, ethics and responsible monitoring
04	**Access Control and Biometrics** • Card, keypad and mobile access technologies • Biometric identification and access permissions • Visitor credentials and access records
05	**Intrusion Detection and Alarms** • Perimeter sensors and intrusion alarm systems • Alarm verification, monitoring and response • False alarms and system reliability
06	**Control Rooms and Command Centres** • Centralised monitoring and control room procedures • Incident escalation and operational communication • Control room discipline and performance
07	**GPS and Digital Incident Management** • Vehicle and personnel location monitoring • Digital incident reporting and case records • Electronic logs, audit trails and operational data
08	**Security System Integration** • Linking CCTV, access control and alarms • Integrated platforms and automation • System compatibility and reliability
09	**AI and Emerging Security Technology** • AI-assisted detection and predictive analytics • Smart sensors, drones and IoT security devices • Benefits, limitations and responsible deployment
10	**Cybersecurity Awareness** • Cyber risks affecting connected security systems • Passwords, access rights and data protection • Protecting surveillance networks and incident records

Key Focus Areas

Core competencies for technology-enabled security operations.

CCTV and IP Surveillance	Camera monitoring, recording and video retrieval.
Access Control and Biometrics	Electronic permissions, credentials and visitor systems.
Intrusion Detection	Electronic alarms, sensors and security alerts.
Control Room Operations	Centralised monitoring, communication and response.
GPS and Electronic Monitoring	Tracking and digital incident management.
System Integration	Connecting technologies for coordinated security.
AI in Security	Intelligent analytics and emerging applications.
Cybersecurity Awareness	Protecting connected devices and security information.

Expected Learning Outcomes

- Identify the functions of major electronic security technologies.
- Understand CCTV, IP cameras, biometrics and access control.
- Explain intrusion detection and control room operations.
- Recognise GPS tracking, integrated systems and AI applications.
- Identify cybersecurity and privacy risks in security technology.

Take the Next Step

Understand the systems shaping today's security industry and strengthen your technology-enabled career pathway. Contact **VOW Nigeria** for course duration, training format, eligibility, fees and upcoming enrolment opportunities.

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Enquiries and enrolment should be made through VOW Nigeria's official registration channels.