1st ASSET
Academy of Security Science
Education & Training
ISO 9001:2008 Certified

<u>Diploma in Fundamentals of Electronic Security Systems</u>

Module 1 (M 1): - 1 day
<u>Introduction to Security Technology</u>
<u>& its Implementation in the Workplace</u>

10.00 am to 10.15 am	Registration & Introductions
10.15 am to 11.30 am	Risk, Threat & Vulnerability Assessment,
11.30 am to 11.45 am	Tea Break
11.45 am to 1.00 pm	Security Survey Techniques
1.00 pm to 1.45 pm	Lunch Break
1.45 pm to 3.15 pm	Building Plans, Drawings & Schematics
3.15 pm to 3.30 pm	Tea Break
3.30 pm to 5.00 pm	Fundamentals of Security System Design

Module 2 (M 2): – 1 day
<u>Introduction to Perimeter Protection, Intrusion Detection & Alarm</u>
<u>Systems</u>

10.00 am to 10.15 am	Registration & Introductions
10.15 am to 11.30 am	Perimeter Protection Barriers, Fences, Gates, Turnstiles,
11.30 am to 11.45 am	Tea Break
11.45 am to 1.00 pm	Intrusion Detection Sensors and Systems - Outdoor
1.00 pm to 1.45 pm	Lunch Break
1.45 pm to 3.15 pm	Intrusion Detection Sensors and Systems - Indoor
3.15 pm to 3.30 pm	Tea Break
3.30 pm to 5.00 pm	Alarm Systems

Module 3 (M 3): – 2 days
<u>Introduction to Access Control including Visitor Management and Guard</u>
<u>Tour Systems</u>

Day 1

10.00 am to 10.15 am	Registration & Introductions
10.15 am to 11.30 am	Guard Tour Systems
11.30 am to 11. 45 am	Tea Break
11.45 am to 1.00 pm	Guard Tour Systems – 2
1.00 pm to 1.45 pm	Lunch Break
1.45 pm to 3.15 pm	Contraband Material Detection- HHMD, DFMD, X-Ray Gamma Ray, Drugs & Explosives Detection
3.15 pm to 3.30 pm	Tea Break
3.30 pm to 5.00 pm	Visitor Management Systems

Day 2

10.00 am to 11.30 am	Introduction to Access Control Systems, Doors, Locks, & Emergency Exits
11.30 am to 11.45 am	Tea Break
11.45 am to 1.00 pm	Identification Systems - PIN, card, wireless systems
1.00 pm to 1.45 pm	Lunch Break
1.45 pm to 3.15 pm	Identification Systems - Biometric Systems

3.15 pm   to 3.30 pm   Tea Break
3.30 pm   to 5.00 pm   Readers and Controllers incl. programming

Module 4 (M 4): – 2 days
<u>**Introduction to CCTV**</u>
Day 1
10.00 am to 10.15 am   Registration & Introductions
10.15 am to 11.30 am   What is CCTV? Components of Basic Systems,
                               Environmental Considerations, Choosing the Right Housing
11.30 am to 11. 45 am   Tea Break
11.45 am to 1.00 pm   Power Equipment & Batteries
1.00 pm to 1.45 pm   Lunch Break
1.45 pm to 3.15 pm   Security Lighting, Illumination incl. Infra-red
3.15 pm to 3.30 pm   Tea Break
3.30 pm to 5.00 pm   Choosing the right camera & lens, Pan, Tilt & Zoom mechanisms

Day 2
10.00 am to 11.30 am   Understanding compression and storage,
11.30 am to 11.45 am   Tea Break
11.45 am to 1.00 pm   Features of DVRs
1.00 pm to 1.45 pm   Lunch Break
1.45 pm to 3.15 pm   Cables & Communications (including fibre optics)
3.15 pm to 3.30 pm   Tea Break
3.30 pm to 5.00 pm   Video Management Systems, Preserving Evidence for Forensic
                               Purposes

Note 1:   **Candidates must not leave the training venue before the official closing
                    time and completion of the instructions for the day.**
Note 2:   **Please do not make any return reservations on flights/trains/buses
                    departing before 8.00 pm as the transit time from the course venue can be
                    in excess of two hours depending on traffic conditions.**