



Integrated Security System



1st floor, Incubator Building, Masdar City, Abu Dhabi, UAE



00971-2-6452630



00971-50-6652671



info@btsconsultant.com



www.btsconsultant.com

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Introduction:

This course is designed to provide the participants with the knowledge and skills that enable them to understand how integrated security system functions in order to manage the system effectively for a better workplace security.

Objectives

After this course the participants will be able to:

- Identify the importance of having an integrated security system
- Identify the components of the integrated security system
- Identify and effectively operate access control systems
- Plan and implement CCTV system
- Identify different types of alarm and notification system
- Identify the use of Perimeter Protection Systems
- Identify how to handle Gates Control Equipment

Who should attend?

- Security supervisors / officers
- Facility supervisors / officers
- HR and administrative supervisors responsible for security
- Project administrators
- Health and Safety / Fire personnel
- who find themselves responsible for leading on, or implementing Security and recovery mechanisms in both the public and the private sector.
- Senior Executives who have been allocated 'potential' or specific tasks in an existing Security / Crisis and Emergency Management programme yet have had insufficient time to devote to the subject.

Methodology

This interactive Training will be highly interactive, with opportunities to advance your opinions and ideas and will include;

- Lectures





- Workshop & Work Presentation
- Case Studies and Practical Exercise
- Videos and General Discussions

Certificate

BTS attendance certificate will be issued to all attendees completing minimum of 80% of the total course duration.

Contents

DAY ONE: Closed Circuit Television system (CCTV)

- History of CCTV
- CCTV Matrix systems
- IP CCTV Cameras
- Network CCTV recorders
- Digital Video Recorders
- Video Motion Detectors
- Video Color Printers
- Fiber Optic Video transmission and reception equipment

DAY TWO: Alarm Management and Intruder detection systems (IDAS)

- Local and Global Alarm I/O Linking.
- Manual and schedule-able alarm monitoring and I/O controls
- User selectable alarm priorities per alarm
- User definable alarm instructions and response per alarm.
- Alarm monitor for operator assessment and acknowledgement.
- Alarm Graphics Editor and Viewer
- Serial CCTV alarm interface for many third party manufacturers
- Integrated digital Video Surveillance (option)

DAY THREE: Access Control System (SACS)

- Unlimited Access rights, issue-able per person
- Multiple card support per person
- Time and Attendance data collection





- System wide Local / Global Anti pass back
- Schedulable reader events for automatic switching between card only, card and keypad, and keypad only operation, based on desired level of security by time of day
- Schedulable Lock / Un Lock door functions
- Card access activity monitor with swipe and Photo ID verification

DAY FOUR: Perimeter Protection Systems

- Microwave Intrusion Detection Equipment
- Fiber Optic Sensor system
- Buried Fiber Optic Sensors
- Buried Electromagnetic sensors
- Hardware and Software for Outdoor Human Intrusion Detection
- Infrared Barriers
- Volumetric Sensors

DAY FIVE: Gates Control Equipment

- Turnstiles Indoor/Outdoor types
- Sliding Gates
- Vehicle Road Blockers
- Rising Arm Barriers
- Metal Detectors
- X Ray Scanners
- Under Vehicle Surveillance
- Explosives and Narcotics Detection and Identification

