

Security Course 1

PHYSICAL SECURITY AND HUMAN DOMAIN

Main subject: *Physical Security and Blast Mitigation*

Secondary subject: *Improving the Performance of the Human Factor in a Security System*

OBJECTIVES: To learn the main principles of planning effective physical security. The course allows the possibility to conduct a risk analysis and a unique knowledge about mitigation of a protected site.

To learn in depth the detailed process of decision making and to get the skills of command during emergency and threats, being able to lead in a way that prevents panic. To give the understanding that allows improved leadership of security personnel.

DESIGNED FOR: High Managerial level of security personnel

COURSE LENGTH: 4 days (40 academic hours)

PRICE: 16, 000 US\$ for a group of up to 15 participants
Instructors' travel and living expenses are not included

DIPLOMA: Individuals who successfully complete the course will receive a certificate for their participation in a **PSOS - Professional School Of Security** course

TOPICS COVERED:

Opening (2 hr)

- Principal components of a dynamic security system
- Israeli security system: its structure and uniqueness
- Course's logics and program

Physical Security and Blast Mitigation (24 hours)

The Threat (2 hr)

- A detailed look at the various threats, the weapons used and the impact they have on assets and people

Anatomy of an explosion (1 hr)

- The physics and effects of explosions on buildings, windows and humans

Case study Vehicle Borne Improvised Explosive Device (VBIED)	(2 hr)
<ul style="list-style-type: none">Detailed study of major car bomb attacks, the event, the methods, the destruction and the impact	
Suicide bombers	(3 hr)
<ul style="list-style-type: none">Understanding suicide bombers - knowing the adversary and defining the threatExamples and solutionsSecurity reaction to suicide bombers, including videos of real life situations	
Introduction to Threat and Risk	(2 hr)
<ul style="list-style-type: none">Assessing the threat and risk levels to determine the vulnerabilityHow to mitigate the risks and increase the survivability using threat and risk analysis tools	
Vulnerability Assessment, priorities and planning	(2 hr)
<ul style="list-style-type: none">Creating a priority list as a guide to proper assessment, planning and prioritizing of protection measures - the aim is to either lower the threat or risk level or both	
Physical elements	(1 hr)
<ul style="list-style-type: none">An in-depth study of physical protection products grouped according to the outer circle, yard circle and inner circle of the installation	
Technological elements	(1 hr)
<ul style="list-style-type: none">A study of technological protection products grouped according to the outer circle, yard circle and inner circle of the installation	
Attacks on educational institutions	(2 hr)
<ul style="list-style-type: none">Isolating these incidents from their background and studying them to learn what caused the changes in the outcome of each incident	
Protection domains and security rings	(2 hr)
<ul style="list-style-type: none">Understanding the full security system, the sub-systems and the ring designs which overlap around a protected entity - prevention or minimization of harmful effects.	
Holistic approach to security	(1 hr)
<ul style="list-style-type: none">The overlapping of the Physical, Technological and Human domains	
Exercise	(4 hr)
<ul style="list-style-type: none">A Red Teaming exercise where participants will design the physical protection of an existing installation and test the effectiveness	
Architectural guidelines	(1 hr)
<ul style="list-style-type: none">Blending protection into the architectural design - working with architects and design teams.	
Improving the Performance of the Human Factor in a Security System	(12 hours)

Decision taking and command under pressure and threat situations	(3 hr)
<ul style="list-style-type: none">▪ Factors and reasons of frequent errors▪ How errors could be avoided	
Transition from routine to alert emergency- the 5 situations	(1 hr)
<ul style="list-style-type: none">▪ The meanings of the transition from one situation into another▪ The differential method on the transition	
Management of a Security System in routine	(2 hr)
<ul style="list-style-type: none">▪ The function and challenges of the CSO in routine▪ The balance between alertness and impassiveness▪ Motivating the security team	
Management and Command in alert and uncertainty situations	(3 hr)
<ul style="list-style-type: none">▪ The leader's functions in alert and uncertainty situations▪ Preventing errors▪ Attitude towards the threatened public	
Command in emergency situations	(1 hr)
<ul style="list-style-type: none">▪ Principles of effective command▪ Emergency Language: components and ways to enlarge it effectiveness▪ The emplacement dilemma	
Open discussions for sharpening the principle dilemmas	(2 hr)
<ul style="list-style-type: none">▪ Motivation and drive▪ Balance between control, freedom and responsibility▪ Combination between different means to invest in the human factor training	
Closing	(2 hr)
<ul style="list-style-type: none">▪ Concluding discussion, summary and conclusions▪ Diplomas distribution	