



Advanced Physical Security and PSP Preparation Course

Accra, Ghana

05-09 August 2019

Background

On 05-09 August 2019, the S2 Institute, in conjunction with the Security and Intelligence Network Africa (SINA) will be presenting a five-day, 40-hour Advanced Physical Security and PSP Preparation Course in Accra, Ghana.

The S2-SINA Advanced Physical Security and PSP Preparation Course is designed to instruct security professionals in principles of physical security design and analysis, state-of-the-art application of physical security technology, risk assessment methodology, and project planning and management. The S2-SINA Advanced Physical Security and PSP Preparation Course also provides a comprehensive review of information contained in the ASIS International Physical Security Professional (PSP) examination to assist candidates pursuing PSP certification.

The information presented in this course reflects best practices in physical security science as applied in both the government and commercial sectors of the security industry and ASIS International guidelines as relevant to the PSP certification.

Who Should Attend?

Security Directors, Physical Security Professionals, Architects and Engineers, and ASIS International Members seeking PSP certification

Learning Objectives

Students attending the S2-SINA Advanced Physical Security and PSP Preparation Course will acquire the following skills and competencies:

- Assessing facility risks and utilizing risk management principles in physical security planning, including:
 - Understand risk management principles and the function of risk assessment in physical security planning.

- Recognize important characteristics of security related risk
- Conduct security assessments by utilizing qualitative risk assessment methodology.
- Design prioritized security countermeasures strategies by utilizing cost-benefit analysis techniques.
- Develop and utilize security survey tools for compliance-oriented assessment of security measures and identifying specific vulnerability concerns.
- Design a Physical Protection System (PPS) using the principles of performance-based physical security.
- Analyze Physical Protection System (PPS) design using the Estimate of Adversary Sequence Interruption (EASI) model.
- Understanding of contemporary physical security technology and capabilities and limitations of various technology systems.
- Specification of physical security technology components for effective performance in PPS design.
- Understanding of international building codes and standards related to physical security hardware.
- Plan and manage physical security projects using effective principles of project management.
- Understanding of test-taking strategies for successfully completing the ASIS International PSP certification examination and further studying for the exam.

Schedule & Outline

Monday, 05 August 2019 (Day One)

08:00 – 08:30	Class Registration
08:30 – 09:30	Program Introduction & ASIS PSP Certification
09:30 – 12:00	Principles of Security Risk Management
12:00 – 13:00	Lunch
13:00 – 14:30	Physical Security Principles
14:30 – 16:30	Crime Prevention Through Environmental Design

Day One Outline:

- Program Introduction
- ASIS International PSP Certification
- Principles of Security Risk Management
 - Risk Definition
 - Risk Management Approaches
 - Risk Assessment & Management Planning
 - Risk Measurement Methods
 - Risk Assessment Models

- Qualitative Risk Assessment Methodology
 - Quantitative Risk Assessment Methodology
 - Countermeasures Planning
 - Cost-Benefit Analysis
- Physical Security Principles
 - Physical Security Design Objectives
 - Physical Security Strategies and Approaches
 - Physical Security Metrics
- Crime Prevention Through Environmental Design (CPTED)
 - CPTED History and Theory
 - Criminal Behaviors and Patterns
 - Community Perceptions and Behavior
 - CPTED Measures
 - Territoriality
 - Natural Surveillance
 - Natural Access Control
 - Site Design
 - Architectural Design
 - Integration of Physical Security Technology
 - Lighting
 - Access Control
 - CCTV
 - Design Application and Examples

Tuesday, 06 August 2019 (Day Two)

09:00 – 09:30	Recap and Review
09:30 – 12:00	Performance-Based Physical Protection Systems
12:00 – 13:00	Lunch
13:00 – 16:30	Performance-Based Physical Protection Systems (cont.)

Day Two Outline:

- Recap of Day One
- Performance-Based Physical Protection Principles
 - Integrated Physical Protection Theory
 - System Functions and Integration
 - System Performance Metrics
 - Points of Failure
 - Design Concepts
 - Defense in Depth
 - Balanced Protection
 - PPS Analysis
 - Adversary Paths
 - Adversary Tasks
 - Adversary Sequence Diagrams
 - Estimate of Adversary Sequence Interruption (EASI) Model
 - System Input Variables
 - *Exercise: EASI Analysis*
 - Practical Case Studies
 - PPS Design Process

Wednesday, 07 August 2019 (Day Three)

09:00 – 09:30	Recap and Review
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09:30 – 10:30	Architectural Planning
10:30 – 12:00	Intrusion Detection and Assessment
12:00 – 13:00	Lunch
13:00 – 16:30	Intrusion Detection and Assessment (cont.)

Day Three Outline:

- Recap of Day Two
- Intrusion Detection and Assessment
 - Alarm System Technology
 - Characteristics of Alarm Sensors
 - Alarm Sensor Technologies
 - Outdoor Sensor Systems
 - Indoor Sensor Systems
 - Summary of Nuisance Alarm Sources
 - Alarm Communications and Network Systems
 - Alarm Control & Display Systems
 - AC&D Design
 - AC&D Equipment and Software
 - CCTV Technology
 - CCTV Technology & Design Principles
 - Analog CCTV Systems and Hardware
 - Digital CCTV Systems and Hardware
 - CCTV Cameras
 - Common CCTV Problems
 - Control Room Design & Operations

Thursday, 08 August 2019 (Day Four)

09:00 – 09:30	Recap and Review
09:30 – 11:00	Lighting
11:00 – 12:00	Barrier Technology
12:00 – 13:00	Lunch
13:00 – 16:30	Barrier Technology (cont.)

Day Four Outline:

- Recap of Day Three
- Lighting Technology
 - Illumination Principles
 - Lighting Systems
 - Lighting System Components
 - Types of Luminaires
 - Applications and Illumination Guidelines
- Barrier Technology
 - Anti-Personnel Barriers
 - Outdoor Barriers
 - Fencing
 - GPBTO/Razor Wire
 - Windows/Glazing
 - Wall Construction
 - Doors & Hardware
 - Door Locks
 - Lock Technology
 - Lock and Key Management
 - Portal Treatments

- Turnstiles
- Safes and Containers
- International Standards (e.g., ISO, ASTM, UL, etc.)
- Anti-Vehicle Barriers
 - Application Concepts
 - Standoff Distance
 - Passive Barriers
 - Active Barriers
 - International Standards (e.g., ISO, ASTM, US DoS, etc.)

Friday, 09 August 2019 (Day Four)

09:00 – 09:30	Recap and Review
09:30 – 11:30	Access Control
11:30 – 12:00	Security Officers and The Human Element
12:00 – 13:00	Lunch
13:00 – 14:00	Security Officers and The Human Element (cont.)
14:00 – 15:30	Project Planning and Design
15:30 – 16:00	Passing the PSP Examination
16:00 – 16:30	Graduation

Day Five Outline:

- Recap of Day Four
- Access Control
 - Access Control Principles
 - Access Control Technology
 - Coded Credentials
 - Biometric Technology
 - Multi-Mode Systems
 - Entry Control Point Design
- Security Officers and The Human Element
 - Officer Functions
 - Weapons and Equipment
 - Personal Attributes
 - Training
 - Guard Force Management
- Project Planning and Management
 - Principles of Project Management
 - Phases of Design and Implementation
 - Initial Design
 - Design Documentation
 - Contracting
 - Procurement
 - Systems Integration
 - Training
 - System Testing
- Passing the PSP Examination
 - Exam Question Examples
 - Tips for Passing the Exam
 - Tips for Further Study
- Graduation

What Will You Receive?

In addition to 40-hours of instruction, all students attending the S2-SINA Advanced Physical Security and PSP Preparation Course will receive the following:

- Certificate of Completion suitable for framing
- Course notebook including over 200 pages of slides and reference material
- Flash drive including assessment tools and physical security text references.

Enrollment in the S2-SINA Advanced Physical Security and PSP Preparation Course also includes catered lunches and coffee breaks.

ASIS International Physical Security Professional (PSP) Certification



In addition to providing 40-hours of instruction on physical security topics, the Advanced Physical Security and PSP Preparation Course is designed to prepare program participants for independent certification as Physical Security Professionals (PSP) through ASIS International. In order to be awarded with the ASIS International PSP certification, eligible candidates are required to complete and successfully pass the PSP examination.

Information about the ASIS International PSP application, examination, and certification process is available online: <https://www.asisonline.org/certification/physical-security-professional/>

IMPORTANT NOTE: Attending the S2/SINA Advanced Physical Security and PSP Preparation Course does not guarantee successful award of ASIS International Physical Security Professional (PSP) certification. All course graduates pursuing certification after attending the program must meet essential eligibility criteria as established by ASIS International and complete all application and certification requirements including successful completion of the PSP examination.

About the Instructor



Craig S. Gundry, PSP, CPS, CHS-III

Craig Gundry is the S2 Institute's lead instructor for anti-terrorism subjects and the Vice President of Special Projects for Critical Intervention Services (CIS). Mr. Gundry is responsible for directing CIS consulting and training projects pertaining to physical security design and analysis, and has provided expert assistance to organizations ranging from fortune 500 corporations to the European Central Bank.

Mr. Gundry is the author of the acclaimed Bomb Countermeasures for Security Professionals CD-ROM and numerous publications on physical security-related topics. Mr. Gundry is also a court-qualified expert witness on physical security and risk management and provides frequent expert commentary on terrorism and weapons of mass destruction issues for news media organizations including Al-Jazeera, BBC, CNN, The Blaze, and Fox News Network.

As an instructor, Mr. Gundry has been training security professionals in physical security-related issues for over 17 years. In addition to attendees of annual courses he presents for ASIS

International, his is previous students have included over 3,000 security professionals, facility managers, military personnel, police officers, and federal officials from over 50 nations.

Location and Lodging

The venue site is located in central Accra. For security reasons, the specific location of the course and hotel recommendations will be provided to registered attendees after confirmation of enrollment and two weeks prior to the course.

For students who wish to reserve lodging and transportation in advance, an enrollment option is provided below including lodging at a 4-star hotel, meals (breakfast, lunch, dinner), and transportation each day to/from the hotel and the event location.

Enrollment

Standard Tuition: USD \$2,500 (*Group discounts available. Contact us for details.*)

Tuition with Full Board: USD \$3,700 (*Group discounts available. Contact us for details.*)

- Includes:
 - Six nights at a 4-star hotel
 - Check-in date: 04 August 2019 | Check-out date/time: Morning, 10 August 2019.
 - Breakfast, lunch, and dinner
 - Roundtrip transportation to/from the hotel and event venue location each day

To enroll in the S2-SINA Advanced Physical Security and PSP Preparation Course, use our secure online registration and payment system:

http://www.s2institute.com/content/pages_advanced/courses/aps_accra19.php

Students may also enroll by completing the attached enrollment form and returning it by fax to: +01-727-535-6666.

Questions regarding enrollment may be submitted to the S2 Institute by email:

info@s2institute.com

Use this registration form to enroll in an S2 course as an individual student.

COURSE REGISTRATION FORM Fax (727) 535-6666

S2 Institute Registration, 13777 Belcher Road South, Largo, FL 33771 • Tel. (727) 461-0066 • Fax (727) 535-6666

Email your registration form to ashley@s2institute.com

Course Title	Course Date(s)	Course Tuition
		\$US
		\$US
* All tuition rates and totals in US Dollars.		Total: \$US

Last Name, First Name, Middle Initial		Salutation (Mr., Mrs., etc)	Title	
Organization/Agency		Division or Department		
Mailing Address			City	State
Zip Code	Country	Telephone	Fax	
Email Address		Emergency Contact Name and Phone		

Registration Eligibility NOTE: All registration applicants for restricted classes are subject to identity verification.

1. Are you a U.S. Citizen? _____ If NO, country of citizenship: _____

2. If you are registering for a restricted class, check the box that best describes your eligibility status.

FL "D" License Holder
 FL "G" License Holder
 FL "C" or "CC" License Holder
 Full-Time Security Mgmt Professional
 Cert. Law Enforcement Officer
 U.S. Government Employee
 Human Resources Professional
 Other: _____

Payment Method

Company/Government Purchase Order No.: _____ (Private organizations must call for approval)

Company/Agency Check (Payable to: S2 Institute) (The Institute's Federal Tax ID Number is 59-3480247)

Credit Card (NOTE: Your card will be billed upon receipt and confirmation of enrollment.)

American Express
 Discover
 MasterCard
 Visa
 CARD NUMBER: _____ - _____ - _____ - _____
 Expiration Date (Mo./Yr.): ____/____ CSV# _____ Authorized Signature: _____

INTERNAL USE ONLY	Date Received	Amount Paid	Check No.	Date Entered
	Amount Due	Initials	Notes	

WHEN YOUR REGISTRATION FORM IS PROCESSED, YOU WILL RECEIVE A CONFIRMATION BY E-MAIL.

Use this registration form to enroll in an S2 course as an individual student.

COURSE REGISTRATION FORM Fax (727) 535-6666

S2 Institute Registration, 13777 Belcher Road South, Largo, FL 33771 • Tel. (727) 461-0066 • Fax (727) 535-6666

Email your registration form to ashley@s2institute.com

Course Title	Course Date(s)	Course Tuition
		\$US
		\$US
* All tuition rates and totals in US Dollars.		Total: \$US

Last Name, First Name, Middle Initial		Salutation (Mr., Mrs., etc)	Title	
Organization/Agency		Division or Department		
Mailing Address			City	State
Zip Code	Country	Telephone	Fax	
Email Address		Emergency Contact Name and Phone		

Registration Eligibility

NOTE: All registration applicants for restricted classes are subject to identity verification.

1. Are you a U.S. Citizen? _____ If NO, country of citizenship: _____
2. If you are registering for a restricted class, check the box that best describes your eligibility status.
 - FL "D" License Holder FL "G" License Holder FL "C" or "CC" License Holder Full-Time Security Mgmt Professional
 - Cert. Law Enforcement Officer U.S. Government Employee Human Resources Professional Other: _____

Payment Method

- Company/Government Purchase Order No.: _____ *(Private organizations must call for approval)*
- Company/Agency Check *(Payable to: S2 Institute) (The Institute's Federal Tax ID Number is 59-3480247)*
- Credit Card *(NOTE: Your card will be billed upon receipt and confirmation of enrollment.)*
 - American Express Discover MasterCard Visa CARD NUMBER: _____ - _____ - _____ - _____
 - Expiration Date (Mo./Yr.): ____/____ CSV# _____ Authorized Signature: _____

INTERNAL USE ONLY	Date Received	Amount Paid	Check No.	Date Entered
	Amount Due	Initials	Notes	

WHEN YOUR REGISTRATION FORM IS PROCESSED, YOU WILL RECEIVE A CONFIRMATION BY E-MAIL.