Office for Bombing Prevention
Surveillance Detection Training for Critical Infrastructure and Key Resource Operators and Security Staff

Overview

In support of its mission to reduce the risk to the Nation's critical infrastructure, the Office of Infrastructure Protection maintains a catalog of training programs to develop awareness of terrorist threats to critical infrastructure among State, local, and private sector entities and educate participants on strategies for detecting and mitigating these threats. Coordinated with State Homeland Security Officials and training offices, these courses may be requested by State, local, tribal, territorial agencies and critical infrastructure owners and operators through DHS Protective Security Advisors (PSAs).

Course Purpose

This course, designed for critical infrastructure operators and security staff of Level 1 and Level 2 critical infrastructure facilities, provides participants with the skills and knowledge to establish surveillance detection operations to protect critical infrastructure during periods of elevated threat. Consisting of five lectures and two exercises, the course increases awareness of terrorist tactics and attack history and illustrates the means and methods used to detect surveillance.

Module 1: Administrative-Introductions/Course Overview

This module allows the instructor to present administrative information, make introductory remarks and describe the course and how the course work is to be conducted over the coming days. This time is also used for students to introduce themselves to one another and complete a pre-assessment related to the course work, which establishes a knowledge baseline on the part of the attending students. Pre and post course assessments are required by DHS.

Module 2: Rings of Security/Terrorist Attack Fundamentals & Methodology/Attack Cycle/Facility Vulnerability Analysis (FVA)

This module of instruction is comprised of two lessons. Lessons 1 and 2 take three hours to complete. Lesson 1 includes attack methodology, Rings of Security, and the Attack Cycle. Lesson 2 focuses on Facility Vulnerability Analysis (FVA). Following lesson 1 and 2 presentations, students are briefed on practical exercise 1 and then spend the next 4 hours (including lunch and debrief) conducting a FVA. Students apply the techniques learned in the classroom to an assigned facility. Students return to the classroom by a designated time to debrief each other and the instructors on their findings. The Facility Vulnerability Analysis is a key component used in forthcoming course work.

Module 3: Determining the Red Zone and Hostile Surveillance Positions/ Surveillance Detection Fundamentals

This module of instruction is comprised of two classroom lessons and two practical exercises. Lesson one of this module focuses on determining the Red Zone for the purpose of identifying Hostile Surveillance Positions. Lesson two focuses on the fundamentals of Surveillance

Detection. Practical Exercise two (there are 3 practical exercises in this 3-day course, this is the second of three) provides students with the opportunity to put into practice the theory discussed in class. Students return to the facility used to conduct their FVA, and determine the Red Zone (general areas and specific locations attackers can/will use to perform surveillance on the facility's vulnerabilities, avenues of approach, and nearby activities that may aid in planning/carrying out the attack) and identify HSPs. Practical Exercise 3 (of 4) affords students the opportunity to identify SD positions employing the fundamentals of SD and utilizing information collected and HSPs identified during the previous practical exercise.

Module 4: Considerations for Establishing a Surveillance Detection Plan/Observation and Reporting

This module of instruction takes place in the classroom and is divided into two separate presentations. Lesson one is a 1-hour classroom presentation focusing on the considerations and importance of developing a Surveillance Detection Plan. Lesson two, Observation and Reporting strategies, is followed immediately by a practical exercise designed to give students the opportunity to practice observation and reporting skills.

Module 5: Surveillance Detection Capstone Exercise

This module of instruction is based upon work accomplished during the previous modules of instruction. Students apply what they have learned in a validation exercise scenario working against role players with an exercise debrief immediately following the exercise.

The following information will assist the DHS training team in the coordination of the Surveillance Detection Training for Infrastructure and Key Resource Operators and Security Staff Course. Requirements for supporting this course include the following:

Background Information:

Prior to travelling to the training site the instructor team can benefit if you have information regarding any of the following:

- History of attacks or reported surveillance detection in the area.
- Any scheduled upcoming major events within the region that may require additional Bombing Prevention Training or security planning initiatives.
- What Critical Infrastructures (CI) are the priorities or concerns within your region?
- Any Surveillance Detection exercises/training, interaction with NOC, JTTFs, Terrorism Working Groups, or Regional Fusion Centers conducted or planned.

Facility: A local venue large enough to accommodate the course attendees, local stakeholders, facilitators, and the projection of the presentations.

Course Format: The Surveillance Detection Training for Infrastructure and Key Resource Operators and Security Staff Course is a three day course presented in a classroom style for up to 25 participants. Attendance should not exceed 25 students without prior approval from DHS OBP.

Practical Exercise: A facility (or facilities) will need to be identified for the practical exercise, preferably near the training location. Depending on the building/facility the classroom is in, that same building/facility may be suitable for the practical exercise. The exercise facility will need

to be large, in an area that will support the exercise (good amount of pedestrian traffic) and one that the students will have access to. The lead instructor will discuss this in more detail during pre-course coordination.

Role Players: Role players will be required for the final exercise on the last day of training. The hosting agency is expected to provide the role players. The final exercise normally runs from approximately 0900-1500 hours on the third day of class. This includes deployment and debrief. Normally, 6-8 role players are sufficient, but 10-12 would enhance the exercise. The role players need no special qualifications and will be briefed by the instructors on specific activities they need to perform. Role players can be employees of your agency or sister agencies, friends, or family members, but it is important that they should not be recognizable to the students if possible.

Equipment: We would like to request assistance in arranging for the following. This is the ideal equipment list for ensuring the course environment is conducive for the duration of this course. Please coordinate with DHS vendor training team on availability of equipment within your region.

- Classroom style sitting for 30 people (25 students, 5 observers)
- Easels with chart paper (3)
- Dry erase markers
- Extension cords (1)
- Power strip (1)Cart or table for laptop and projector
- Projector
- Extra table for instructors

Liaison: A facility liaison is requested to lead our instructor team on a walkthrough of the training site selected for the course on the day before class begins. This will enable the training cadre to acquaint themselves with the audio/visual configuration of your selected site. Additionally, we would like to request a liaison to receive shipment of training materials for the course. The name, phone, and time to contact the liaison should be provided.

Recommended Participants Lists: Key representatives from the public and private sector knowledgeable in regional efforts enhance the objectives of the course.

<u>Critical Infrastructure Representatives</u>
Agriculture and Food
Banking and Finance
Chemical
Commercial Facilities
Communications
Dams
Defense Industrial Base
Emergency Services
Energy
Government Facilities
Information Technology

<u>State and Local Representative</u>
State Homeland Security
State/Local Emergency management
Law Enforcement
Fire Services
Emergency Medical Services
Public Health
Medical/Hospitals
National Guard, Civil Support Team
Port Authority
Transit Authority
School District representatives

National Monuments/Icons
Nuclear
Postal and Shipping
Public Health/Healthcare
Transportation
Water
Critical Infrastructure Owners and operators

UASI representative
Terrorism Liaison Officers
Fusion Center
Government Officials
City Council
County Commissioner
Citizen Corps
Attraction/Resort Security

If you have any questions, please don't hesitate to contact me.

Respectfully,

Jessica Gray

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