Homeland Security

Department of Homeland Security

**Surveillance Detection Training for
Commercial Infrastructure Operators and Security Staff**
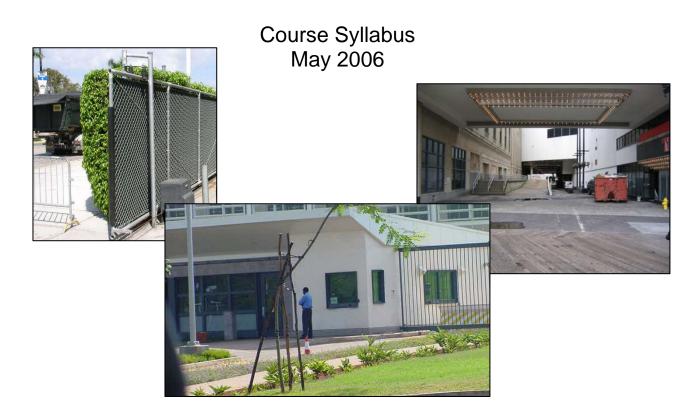
Course Syllabus
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ARMORGROUP
INTERNATIONAL TRAINING, INC.

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Post-course Assessment

Background
This course in Surveillance Detection (SD) Plans and Operations is designed to provide a guideline for mitigating risks to critical infrastructure. Instructors explain how this protective measure can be applied to detect and deter potential threats to critical infrastructure and key resources (CI/KR) as well as the fundamentals for detecting surveillance activity. Students apply skills such as Vulnerability and Red Zone Analysis, Surveillance Detection and Observation and Reporting during practical exercises throughout the course.

**Surveillance Detection Training for
Commercial Infrastructure Operators and Security Staff**

Scope of Training and Course Goal:
Provide students with the knowledge to develop a Surveillance Detection Plan.

Course Learning Objectives:

1. Employ fundamentals of Surveillance Detection related to a facility.
2. Develop actionable Surveillance Detection plan.
3. Report observations with necessary details to aid security officials in their efforts.

Level of Training:
Planning/Management

Course Description:
This Surveillance Detection course designed for commercial infrastructure operators and security staff provides a foundation for developing and applying plans which include the fundamentals of Surveillance Detection, recognizing the indicators of an imminent attack, implementing appropriate responses and reporting observations with the necessary details to aid security officials. The course is broken down into learning modules that cover the following topic areas:

Vulnerability Assessments
Identifying Hostile Surveillance positions (understanding Red Zone)
Employing the fundamentals of Surveillance Detection
Developing plans and procedures, which include resourcing, reporting and response policies to observe and report suspicious individuals and activity around CI/KR.

Students attend classroom seminars for each module of instruction, which cover the topics listed in the table of contents. Each module of instruction incorporates practical hands on learning exercises to reinforce concepts and skills taught. The course culminates with a capstone exercise.

Each day of instruction is a full day. Students are given a lunch break, which varies in time depending on daily activities.
Instructor to Student Ratio for all Modules: 2:25

Program Evaluation Strategy:
A training evaluation model is used to monitor program effectiveness. A Level 1 exit questionnaire is used to capture participants "reaction" to training. A Level 2 pre and post assessment is used to compare/contrast entry to exit level knowledge.

Participant Resource Requirements:
Student Handouts
Pen/Pencil
Paper

Day 1

Module 1: Course Overview

Duration: 0830-0930

Description:
This module of instruction introduces students to the teaching methodology and background for the course. The daily routine and logistics requirements are established as well as individual responsibilities throughout the course. The course pre-assessment is administered during this module. Student handouts are distributed.

Purpose:
1. Outline course of instruction, teaching methodologies, daily routine and course logistics

2. Determine baseline knowledge level of each student

Module 2: Attack Methodology/Attack Cycle/Pre-incident Indicators/Vulnerability Analysis

Duration: 0930-1630

Description:
This module of instruction is comprised of two lessons. The first lesson is broken into 2 parts and takes two to three hours to complete.   Lesson 1, part 1 includes facility attacks and pre-incident indicators. Lesson 1, part 2 focuses on Vulnerability Analysis. Lesson two is the practical exercise. Students are briefed on the exercise and then spend the next several hours conducting a Vulnerability Analysis. The last segment of class is the exercise debrief.

Module 2 Terminal Objective: Following Lesson 1, parts 1 and 2 and given the exercise worksheet on page eight of the student guide, students conduct a Facility Vulnerability Analysis (FVA) and brief the instructors on their findings (practical exercise).

Enabling Objectives:
Lesson 1/Part 1:
1. Recall terrorist attack trends, techniques/methods
2. Recall the five defensive measures
3. Recall the three rings of security and explain the importance of each.
4. Recall the 7-step attack cycle
5. Describe the detectable points (weak links) within the attack cycle

Lesson 1/Part 2:
1. Recall the 8 components of a vulnerability analysis
2. Recall predictable activities associated with a facility

Lesson 2:
Conduct a Facility Vulnerability Analysis (FVA) and brief the instructors on the findings.

Day 2

Module 3: Hostile Surveillance Positions (Red Zone) and Practical Exercise/Surveillance Detection and Practical Exercise

Duration: 0830-1630

Description:
This module of instruction focuses on the fundamentals of surveillance detection, hostile surveillance positioning (red zone) and SD positioning. The module is comprised of four lessons. Lesson one classroom presentation is one-hour and covers Hostile Surveillance Positions (Red Zone). Lesson two; practical exercise in support of this presentation is scheduled for two hours and the debrief is scheduled for one hour. Lesson three classroom presentation, Surveillance Detection, is one hour. Lesson three; practical exercise in support of this lesson is scheduled for two hours and the debrief is scheduled for one hour.

Terminal Objective: Following the classroom presentations and given the exercise worksheet in the student guide, identify Surveillance Detection Positions.

Enabling Objectives:
Lesson 1:
Recall the basic requirements of Red Zone design

Lesson 2:
Design a Red Zone related to a specific location (practical exercise)

Lesson 3:
Recall the basic requirements of surveillance positions

Lesson 4:
Select SD positions in support of a specific location (practical exercise)

Day 3

Module 4: The SD Plan and Observation and Reporting

Duration: 0830-1130

Description:
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 importance of developing a Surveillance Detection Plan. Lesson two is a classroom presentation and practical exercise designed to help students hone their observation and reporting skills. Lesson two presentation is brief. Students spend the better part of the class period participating in the observation exercise.

Terminal Objective: Using the information gathered, develop a Surveillance Detection Plan.

Enabling Objectives:
Lesson 1:
1. Recall the key elements of facility SD planning
2. Recall the key questions for facility SD planning

Lesson 2:
Demonstrate the ability to observe and recall details of appearance

Module 5: Capstone Exercise

Duration: 1130-1730

Description:
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. Exercise debrief and post course assessment take place immediately following the exercise.

Purpose: Ensure each student has the knowledge, skills and abilities to detect surveillance

Terminal Objective:
Detect surveillance using the methods and techniques learned throughout the course

Enabling Objective:
Working against role players and given the information collected throughout the duration of the course, detect and accurately report surveillance activities related to a designated facility.

Conclusion:
Review & Administer Post-course Assessment
Students complete course critique
Graduation/Certificate Presentation