



Course Name: Checkpoint X-Ray Image Interpretation Training Course

Vendor: SVS Countermeasures Training

Duns Number: 090952902

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GSA Advantage: None

Course Link: svscountermeasurestraining.com/collections/checkpoint-training/products/advanced-explosive-trace-detection-etd-training-course-copy

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LESSON PLAN OVERVIEW

Course Title:		Advanced Checkpoint Security X-ray Image Interpretation		
Course Number:		SVS-X-Ray-01		
Course Date:		Fiscal Year 2022		
Course Duration		16 hours		
Lecture	Lab	PE	Total	Program
8	4	4	16	X-Ray Training
Course Description		The student will be able to use an Xray machine image to discern all the different types of DHS prohibited items. The student will learn what each DHS Prohibited item category of threat looks like, and the key identification features to look for in an x-ray image.		
Terminal Learning Objective (TLO)		The student will be able to use the agency X-ray system to analyze x-ray images to identify any potential threats or prohibited items.		

Enabling Performance Objectives (ELO)	<ul style="list-style-type: none"> ● EPO #1: Identify a Knife threat in an X-Ray image. ● EPO #2: Identify a Handgun threat in an X-Ray image. ● EPO #3: Identify a Rifle threat in an X-ray image. ● EPO #4: Identify an Ammo threat in an X-Ray image. ● EPO #5: Identify a Mace threat in an X-Ray image. ● EPO #6: Identify a Taser threat in an X-Ray image. ● EPO #7: Identify a Misc. weapon threat in an X-Ray image. ● EPO #8: Identify a Liquid threat in an X-Ray image. ● EPO #9: Identify a Grenade threat in an X-Ray image. ● EPO #10: Identify a Pipe Bomb threat in an X-Ray image. ● EPO #11: Identify IED Components in an X-Ray image. ● EPO #12: Identify a Detonator in an X-Ray image. ● EPO #13: Identify an Explosive in an X-Ray image. ● EPO #14: Identify a fully assembled IED in an X-ray image. ● EPO #15: Identify a Threat Hidden in a shoe with x-ray. ● EPO #16: Identify a Threat hidden in electronics with x-ray. ● EPO #17: Identify a fragmentation in an x-ray image. ● EPO #18: Identify Mail threats in an X-Ray image. ● EPO# 19: Identify a Chemical IED in an X-ray Image. ● EPO# 20: Identify a Pressure Cooker IED in an X-ray image. ● EPO# 21: Identify a Threat item in an x-ray image inside of a bag with clutter.
Instructional Methods	<ul style="list-style-type: none"> ● Lecture ● Discussion ● Hands-on ● Practical Exercise ● Demonstration

Method of Evaluation	The students will demonstrate their knowledge by taking a 50-question written test at the end of the course. The student must achieve a minimum score of 80% to pass the course
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Classroom Requirements	<ul style="list-style-type: none"> • Computer • Projector • Projector Screen
Lab Requirements	<ul style="list-style-type: none"> • X-ray system • Inert Training Threat Kits • Student Lab Checklist
Instructor Materials/Resources	<ul style="list-style-type: none"> • Instructor Guide • Presentation • SVS Threat Training Kits x-ray correct
Student Materials/Resources	<ul style="list-style-type: none"> • Student hand out • Notes
Instructor Special Requirements	<ul style="list-style-type: none"> • Certified EOD/Bomb Technician • FLETC Graduate of LEAIP (Instructor Certified DHS) • X-Ray System Certified Instructor
Student Special Requirements:	<ul style="list-style-type: none"> • Basic understanding of the x-ray system • Knowledge of agencies Post Orders
Role Players	N/A

Curriculum Development and Review Team

Developed by:

John Howell
Bomb Technician

Date

Jan 2022

Revised by:

Ruth Myers
MS Education
SVS Countermeasures Training

Date

March 2022

Summary of Revisions: Updated content and add all the SOW Performance Standards

Revised by:

John Howell
Director of Counter IED Training and Technologies
SVS Countermeasures Training

Date

Oct 2022

Summary of Revisions:

1. Added test questions to lesson plan
2. Updated test question

Oct 2022

Dec 2022

Reviewed by:

Judith Gallagher Howell
Retired Chief DUSM
SVS Countermeasures Training CEO

Date

Dec 2022