



## Massachusetts Maritime Academy

### VPDSD Training

### Course Syllabus

**Goal of the Program:** Provide trainees with knowledge and proficiency in performing their designated security duties in connection with a Ship Security Plan.

**Learning Objectives:** Those who successfully complete this course should be able to demonstrate sufficient knowledge to undertake the duties assigned under the SSP. This knowledge shall include, but it not limited to:

1. Knowledge of the current security threats and patterns;
2. Recognition and detection of weapons, dangerous substances and devices;
3. Recognition, on a non-discriminatory basis, of characteristics and behavioral patterns of persons who are likely to threaten security;
4. Techniques used to circumvent security measures;
5. Crowd management and control techniques;
6. Security related communications;
7. Knowledge of emergency procedures and contingency plans;
8. Operation of security equipment and systems;
9. Testing, calibration and at sea maintenance of security equipment and systems;
10. Inspection, control and monitoring techniques;
11. Methods of physical searches of persons, personal effects, baggage, cargo, and ship stores.



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	Subject Areas	Overall Objectives “The expected learning outcome is that participants are able to.....”	Lesson Hours	Practical Hours
1.	Introduction and Orientation	<p>Identify academic surroundings; follow safety procedures; describe the course requirements, and discuss individual expectations.</p> <p>Summarize current threats to maritime security.</p> <p>Characterize ship and port operations and conditions.</p>	.50	-
2.	Maritime Security Policy	<p>Identify the role of the International Maritime Organizations and summarize IMO efforts (includes codes and recommendations) related to maritime security</p> <p>List other related international organizations</p> <p>Identify the role of the U.S. Coast Guard and summarize relevant national legislation and regulations, including TWIC</p> <p>Define maritime security terminology</p> <p>Define sensitive security information and explain the importance of confidentiality</p>	.50	-



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3.	Security Responsibilities	<p>Define the role and responsibilities of the following entities:</p> <ul style="list-style-type: none"> <li>• Contracting governments</li> <li>• Recognized security organizations</li> <li>• The company</li> <li>• The ship</li> <li>• The port facility</li> <li>• Ship Security Officer (SSO)</li> <li>• Company Security Officer (CSO)</li> <li>• Port Facility Security Officer (PFSO)</li> <li>• Seafarers with designated security duties</li> <li>• Other personnel</li> </ul>	1.0	-
4.	Ship Security Assessment	<p>Identify effective use of checklists in assessments</p> <p>List the preparations and procedures for on-scene surveys, including how to divide the survey into sections</p> <p>Discuss security aspects of the ship layout, including: physical security; structural integrity; information technology and communications; and vulnerabilities and appropriate countermeasures</p>	1.0	-
5.	Security Equipment	<p>Demonstrate familiarity with basic shipboard security equipment and systems, including identification of equipment that may prevent or suppress piracy and armed robbery</p> <p>Explain limitations of individual security equipment or systems</p> <p>Describe testing, calibration, and maintenance for equipment and systems, particularly while at sea</p>	.50	.50



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6.	Threat Identification, Recognition, and Response	<p>Describe types of weapons, dangerous substances, and devices that may be threats to security</p> <p>Describe the appearance of and damage that may be caused by such weapons, substances, and devices</p> <p>Describe how to conduct a physical search and non-intrusive inspection</p> <p>Explain the preparations for, importance of, and procedures for conducting searches</p> <p>Recognize, on a non-discriminatory basis, persons posing potential security risks</p> <p>Identify techniques used to circumvent security measures</p> <p>Discuss crowd management and control techniques</p>	1.0	-
7.	Ship Security Actions	<p>Define the three maritime security levels</p> <p>Explain the actions required at each security level</p> <p>Discuss the maintenance of the ship/port interface</p> <p>Explain the purpose and importance of the Declaration of Security</p> <p>Explain how to report security incidents</p> <p>Describe the execution of security procedures, including the role of the SSO and the variance of procedures at each security level</p>	1.0	-
8.	Emergency Preparedness, Drills, and Exercises	<p>Discuss the execution of contingency plans, including plans for specific security threats and incidents</p> <p>Identify requirements for drills and exercises</p>	1.0	-



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9.	Security Administration	Identify what documents should be onboard at all times Explain recordkeeping procedures	.50	-
10.	Exam, Critiques, and Certification	Complete written exam and critique course Instructor will issue course completion certificates	.50	-
Subtotal Hours			7.50	.50
Total Hours			8.0	