

# Course Syllabus

<b>Course Title:</b>	<b>ISPS &amp; Company Security Officer (CSO) Online Course</b>
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<b>Course Duration:</b>	20 Hours
<b>Course Difficulty:</b>	Advanced
<b>Course Category:</b>	Security

## Learning Outcomes

1. *Master the Development and Implementation of a Ship Security Plan (SSP): Learn how to create, apply, and oversee an effective SSP that aligns with the ISPS Code, addressing security threats and operational needs in real-world maritime scenarios.*
2. *Observe Effective Security Risk Assessments: Observe practical skills to identify threats, vulnerabilities, and potential consequences to ship operations, enabling you to develop strong preventive and responsive security strategies.*
3. *Implement and Maintain Maritime Security Measures: Understand regulatory compliance, industry best practices, and company policies to ensure shipboard security, protect personnel, and prevent security breaches.*
4. *How to Manage Shipboard Security Equipment and Systems: Learn to monitor, assess, and maintain security technology, ensuring operational readiness and compliance with maritime security regulations.*
5. *Enhance Security Awareness and Crew Preparedness: Develop strategies to cultivate a proactive security culture, improve situational awareness, and encourage vigilant reporting among crew members and stakeholders.*

## References:

- IMO Model Course 3.20
- IMO Convention & Codes
- Marine Transportation Security Act & Regulations
- ICS
- BMP
- MCA (UK), USCG
- Transport Canada

Course Subject	Time
<b>Introduction</b> <ul style="list-style-type: none"> <li>• Competences to be achieved</li> <li>• Historical perspective</li> <li>• Current security threats and patterns</li> </ul>	1 Hour
<b>Chapter 1 Maritime Security Policy</b> <i>To ensure the learner understands the importance of ship security and the roles and responsibilities of organizations and individuals involved in it.</i> <ul style="list-style-type: none"> <li>• Relevant international conventions, codes, circulars, and recommendations including those that may relate to piracy</li> <li>• Relevant Government legislation and regulations</li> <li>• Definitions</li> <li>• Handling sensitive security-related information and communications</li> </ul>	1.5 Hour
<b>Chapter 1 Quiz</b>	0.5 Hour

<p><b>Chapter 2 Security Responsibilities</b>  <i>To ensure the learner knows the role of personnel and knows what to expect from each in terms of authority and responsibility.</i></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</li> <li>• Company Security Officer</li> <li>• Port Facility Security Officer</li> <li>• Shipboard Personnel with designated security duties</li> <li>• Port facility personnel with designated security duties</li> <li>• Other personnel</li> </ul>	<p>1 Hour</p>
<p><b>Chapter 2 Quiz</b></p>	<p>0.5 Hour</p>
<p><b>Chapter 3 Ship Security Assessment and On-scene Inspections</b>  <i>To ensure the learner knows how to assess security risk, threat, and vulnerability to the ship, its personnel, cargo, and operations.</i></p> <ul style="list-style-type: none"> <li>• Risk assessment methodology</li> <li>• Assessment tools</li> <li>• On-scene Security Inspection</li> <li>• Security assessment documentation</li> </ul>	<p>1.0 Hours</p>
<p><b>Chapter 3 Quiz</b></p>	<p>0.5 Hour</p>
<p><b>Chapter 4 Security Equipment</b>  <i>To ensure the learner knows how to determine the effectiveness of current security arrangements, procedures, and equipment.</i></p> <ul style="list-style-type: none"> <li>• Security equipment and systems</li> <li>• Operational limitations of security equipment and systems</li> <li>• Testing, calibration, and maintenance of security equipment and systems</li> </ul>	<p>0.75 Hour</p>
<p><b>Chapter 4 Quiz</b></p>	<p>0.5 Hour</p>
<p><b>Chapter 5 Ship Security Plan</b>  <i>To ensure the Learner understands how to implement a Ship Security Plan and the related regulatory requirements.</i></p> <ul style="list-style-type: none"> <li>• Purpose of the Ship Security Plan</li> <li>• Contents of the Ship Security Plan</li> <li>• Confidentiality issues</li> <li>• Development of the Ship Security Plan</li> <li>• Approval of the Ship Security Plan</li> <li>• Implementation of the Ship Security Plan</li> <li>• Maintenance and modification of the Ship Security Plan</li> </ul>	<p>0.75 Hours</p>
<p><b>Chapter 5 Quiz</b></p>	<p>0.5 Hour</p>

<b>Chapter 6 Threat Identification</b> <i>To ensure the learner understands and recognition, on a non-discriminatory basis, of persons posing potential security risks.</i> <ul style="list-style-type: none"> <li>• Potential security risks</li> <li>• Recognition of threats due to impending piracy attack</li> <li>• Recognition and detection of weapons, dangerous substances, and devices</li> <li>• Implementing and coordinating searches</li> <li>• Methods of physical searches and non-intrusive inspections</li> <li>• Techniques used to circumvent security measures including those used by pirates</li> <li>• Crowd management and control techniques</li> </ul>	3.0 Hours
<b>Chapter 6 Quiz</b>	0.5 Hour
<b>Chapter 7 Ship Security Actions</b> <i>To ensure the learner understands and be familiar with Part A of the ISPS Code together with the Ship Security Officer.</i> <ul style="list-style-type: none"> <li>• Actions required by different security levels, including actions to be taken to prevent piracy and armed robbery</li> <li>• Maintaining the security of the ship/port interface</li> <li>• Usage of the Declaration of Security</li> <li>• Implementation of security procedures</li> </ul>	2.0 Hours
<b>Chapter 7 Quiz</b>	0.5 Hour
<b>Chapter 8 Emergency Preparedness, Drills, and Exercises</b> <i>To ensure the learner understands how to promote security awareness and vigilance onboard ship.</i> <ul style="list-style-type: none"> <li>• Contingency planning</li> <li>• Security drills and exercises</li> <li>• Assessment of security drills and exercises</li> </ul>	1.25 Hours
<b>Chapter 8 Quiz</b>	0.5 Hour
<b>Chapter 9 Security Administration</b> <i>To ensure the learner understands how to record, monitor and report security-related events.</i> <ul style="list-style-type: none"> <li>• Documentation and records</li> <li>• Reporting security incidents</li> <li>• Monitoring and control</li> <li>• Security audits and inspections</li> <li>• Reporting nonconformities</li> </ul>	1.0 Hour
<b>Chapter 9 Quiz</b>	0.5 Hour
<b>Chapter 10 Security Training</b> <i>To ensure the learner understands how to promote security awareness and vigilance onboard ship and onshore.</i> <ul style="list-style-type: none"> <li>• Training requirements</li> <li>• Instructional techniques</li> </ul>	0.5 Hours
<b>Chapter 10 Quiz</b>	0.5 Hour
<b>Course Assessment – 45 Multiple Choice Questions</b>	1.0 Hour