

# Course Syllabus

<b>Course Title:</b>	<b>Ship Security Officer (SSO) Online Course</b>
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<b>Course Duration:</b>	21 Hours
<b>Course Difficulty:</b>	Advanced
<b>Course Category:</b>	Security

## Learning Outcomes

1. Understands the importance of ship security and the roles and responsibilities of organizations and individuals involved in it.
2. Knows how to assess security risk, threat and vulnerability to the ship, its personnel, cargo and operations.
3. Understands the capabilities and limitations of security methods, equipment, and systems.
4. Knows how to implement a ship security plan and related regulatory requirements.
5. Knows how to determine the effectiveness of current security arrangements, procedures, and equipment.
6. Understands how to promote security awareness and vigilance on board ship.

## References:

- ISPS Code
- STCW Convention Table A-VI/6-1
- Transport Canada
- IMO Model Course 3.19
- Marine Transportation Security Act & Regulations
- UNCLOS
- ICS
- SOLAS
- BMP
- MCA (UK)

Course Subject	Time
<b>Introduction</b> <ul style="list-style-type: none"> <li>• Course overview</li> <li>• Competences to be achieved</li> <li>• Historical perspective</li> <li>• Current security threats and patterns</li> </ul>	1.5 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 Hour

<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> <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>	1.5 Hour
<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> <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>	2.0 Hours
<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> <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>	1.5 Hour

<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> <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>• Implementation of the Ship Security Plan</li> <li>• Maintenance and modification of the Ship Security Plan</li> </ul>	2.5 Hours
<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 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>• Reporting security incidents</li> <li>• Implementation of security procedures</li> </ul>	1.5 Hours
<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>	2.0 Hours

<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>• Monitoring and control</li> <li>• Security audits and inspections</li> <li>• Reporting nonconformities</li> </ul>	2.0 Hours
<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>	1.0 Hours
<b>Course Final Assessment</b>	1.0 Hour