

# Course Syllabus

<b>Course Title:</b>	<b>Leadership &amp; Teamwork (LTW) Online Course</b>
----------------------	--

<b>Course Duration:</b>	<i>24.5 Hours</i>
<b>Course Difficulty:</b>	<i>Intermediate</i>
<b>Course Category:</b>	<i>Leadership</i>

## Learning Outcomes

1. *Develop non-technical human factor skills essential for safe ship operations and crew well-being*
2. *Apply leadership and teamworking principles in real-life operational scenarios*
3. *Understand and apply the competencies required under STCW Tables A-II/1 and A-III/1*
4. *Learn how to demonstrate working knowledge of shipboard personnel management and onboard training procedures*
5. *Learn to identify and interpret key international maritime conventions, recommendations, and national legislation*
6. *Apply task and workload management strategies to ensure safe and efficient operations*
7. *Learn to utilize resource management techniques to enhance teamwork, communication, and coordination*
8. *Learn to employ structured decision-making methods in routine and emergency situations*

## References:

- IMO Model Course 1.39
- IMO Convention & Codes
- Marine Transportation Security Act & Regulations
- Transport Canada
- TSB/BST
- NTSB

Course Subject	Time
<b>Introduction</b> <ul style="list-style-type: none"> <li>• Course introduction</li> </ul>	0.5 Hr
<b>Chapter 1 Working knowledge or shipboard personnel amangement</b> <ul style="list-style-type: none"> <li>• Shipboard organization</li> <li>• Culture wareness</li> </ul>	1.5Hr
<b>Chapter 2 International conventions &amp; National legislation</b> <ul style="list-style-type: none"> <li>• Internationa maritime conventions</li> <li>• National legislation</li> </ul>	1.0Hr
<b>Chapter 3 Task and workload management</b> <ul style="list-style-type: none"> <li>• Planning</li> <li>• Allocation</li> <li>• Prioritization</li> <li>• Challenge &amp; response</li> </ul>	2.5Hrs

<b>Chapter 4 Effective Resource management techniques</b> <ul style="list-style-type: none"> <li>• Communications</li> <li>• Teamwork principles</li> <li>• Managerial &amp; Leadership principles</li> <li>• Just culture</li> <li>• Situational awareness</li> <li>• Error chain</li> <li>• Regulations</li> <li>• Homework Assignment #1, 2, 3 &amp; 4</li> </ul>	<p>4.0Hrs</p> <p>2.0Hrs</p>
<b>Chapter 5 Decision-making techniques</b> <ul style="list-style-type: none"> <li>• Humain behaviour</li> <li>• Influence of situation &amp; risk assessment</li> <li>• Decision making</li> <li>• Evaluating outcome effectiveness</li> <li>• Judgment</li> <li>• Homework Assignment #5 &amp; 6</li> </ul>	<p>3.0Hrs</p> <p>2.0Hrs</p>
<b>Chapter 6 Managing fatigue and stress</b> <ul style="list-style-type: none"> <li>• Causes &amp; effect of stress</li> <li>• Causes &amp; effect of fatigue</li> <li>• Relationship between fatigue &amp; stress</li> <li>• Identifying signs &amp; symptoms of fatigue and stress</li> <li>• Fatigue &amp; stress reduction strategies</li> <li>• Regulatory requirements</li> </ul>	<p>2.0Hrs</p>
<b>Chapter 7 Shipboard training and developing human potential</b> <ul style="list-style-type: none"> <li>• Formal &amp; informal learning</li> <li>• Continuous development</li> <li>• Shipbard training, learning, coaching, mentoring &amp; assessment</li> <li>• Emergencies</li> </ul>	<p>4.0Hrs</p>
<b>End-of-Course Recapitulation</b>	1.0Hr
<b>Course Assessment – 35 Multiple Choice Questions &amp; 5 Short Answer Questions</b>	1.0Hr