



**kilo**



# Virtual Seafarer Academy

Online Courses



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# The Smart Way to Learn Maritime

Kilo design and develop engaging online learning content for the maritime industry and offer hosting services within our Virtual Seafarer Academy (VSA).

The VSA offers clients, teams and individuals with access to essential, carefully curated knowledge designed to transfer key maritime concepts effectively. Our courses focus on critical areas of maritime operations, including Bridge Operations, Engineering Standards, and Maritime Safety Management.

## Course Features

- Evidence-Based Solutions. Our content is aligned with professional needs and backed by research.
- Flexible Learning Options. Choose from fully curated or pre-packaged solutions to suit your learning preferences.
- Microlearning Content. Bite-sized lessons for efficient and effective learning.
- Engaging and Interactive Content. Interactive modules to keep learners engaged.
- Assessment Engines. Tools to evaluate and track your progress.
- Structured Learning Paths. Clear pathways to guide your learning journey.
- Certificate Awards. Earn certificates to validate your knowledge and skills.

**“Our Virtual Seafarer Academy brings world-class, on-demand education to seafarers globally.”**

**Andy Parkin.**  
Managing Director



# Course Catalogue

## 01 Bridge Operations

Welcome to Bridge Operations, where precision meets progress and seamless navigation ensures the smooth flow of transportation, connectivity and infrastructure, bridging the way to safe, efficient and effective operations.

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Duration: 60 Minutes

Experience Level: Management, operational and support.

## 02 Bridge Resource Management

Step into the world of Bridge Resource Management, where expertise meets collaboration, to ensure harmonious synergy among maritime professionals as they navigate challenges, optimise resources and prioritise safety on the open seas.

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Duration: 60 Minutes

Experience Level: Management, operational and support.

## 03 Root Cause Analysis in Maritime Operations

A comprehensive course designed to equip you with the skills and methodologies necessary to systematically identify, analyse, and address the underlying causes of problems or incidents in various domains.

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Duration: Any

Experience Level: Bridge ops and engineering ops.

## 04 Pilotage

Embark on a voyage of precision and skill with our Pilotage module, where you are introduced to a world where pilots work with the bridge team to guide vessels through pilotage waters, ensuring safe navigation and seamless arrivals at port.

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Duration: 60 Minutes

Experience Level: Management, operational and support.

## 05 Ship Handling

Discover the combination of art and science within the mastery of Ship Handling, where seasoned mariners navigate the complex waters, using their expertise in vessel control, safety protocols, and efficient manoeuvring to ensure smooth sailing and secure maritime operations.

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Duration: 60 Minutes

Experience Level: Management, operational and support.

## 06 Engine Room Resource Management

In this course you will learn how a dynamic approach to resource planning and efficient tasking, ensures optimal performance, reliability and sustainability within the engine room.

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Duration: 60 Minutes

Experience Level: Management, operational and support.

## 07 Steering Principles

In this course you will learn about the fundamental principles of vessel steering, such as rudder control, helm commands, and the influence of environmental factors on manoeuvrability. Understanding these principles is pivotal for maritime professionals to adeptly control vessels, as you become an integral part of the vessel's Bridge Team.

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Duration: 60 Minutes

Experience Level: Any

## 08 Proficiency in Security Awareness

This course is an essential training program designed for all seafarers employed or engaged in any capacity in maritime security. This course provides the fundamental knowledge required to enhance security awareness. It ensures that all crew members, particularly those without designated security duties, are equipped with the skills to recognise and respond to security threats, thereby contributing to the overall safety and security of the vessel. This course is in accordance with STCW A-VI/6 and IMO.

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Duration: 60 Minutes

Experience Level: Any

## 09 Entry Level Bridge Operations

Are you considering a career in vessel navigation?

This course introduces you to bridge operations and the essential skills needed to be part of a bridge navigation team. Understanding bridge team roles, lookout and steering principles, navigational theory, and navigational systems, will ensure that this course provides the foundational knowledge necessary to de-mystify how an effective Bridge Team operates.

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Duration: 60 Minutes

Experience Level: Any

# Microlearning Courses

## 01 A Quick Guide to Root Cause Analysis

Root Cause Analysis is a short course designed to guide you with the fundamental tools and methodologies needed to systematically identify, analyse, and address the underlying causes of problems or incidents in various domains.

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Duration: 5 Minutes

## 02 How did ISM Come About?

Our microlearning course on the origins of International Safety Management (ISM). This short course will trace ISM roots from a tragic incident to its establishment as a global standard for ensuring safe and secure operations in the maritime industry.

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Duration: 5 Minutes

## 03 Have you Heard of OHM's Law?

Our microlearning course on what is Ohm's Law and why it is important for maritime engineers.

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Duration: 5 Minutes

## Further Courses to Include...

- Leadership & Management
- The Principles of a Marine Evacuation System
- Accredited VASCO Instructor Programme
- Interactive Navigational Voyage(s)

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