

PRACTICAL ENGINEERING SUITE

eLearning for Marine Engineers

KVH Videotel's Practical Engineering Suite features 100 individual modules of learning spread over 12 subjects with over 2500 individual screens of content. These modules have been created on KVH Videotel's new eLearning content delivery platform that allows users to view its comprehensive range of maritime training programmes on a wide variety of devices, including tablets and mobile phones. The suite includes interactive simulations, fully rendered 3D models, technical illustrations and self-assessment tests.

Practical Engineering has been developed under the guidance of IMarEST Fellows, Chartered Engineers and Chartered Marine Engineers and supports the fundamental reference and learning needs of engineers. It is inspired by KVH Videotel's widely respected COBALT series.

Practical Engineering offers a practical, stimulating mixture of training styles, providing fundamental specialist knowledge for general work leading to assessment.



“Practical Engineering Suite helps shipping companies address fundamental weaknesses in engineering skills at sea, with confidence that the modules have been devised by a team of IMarEST Chartered Engineers.”

Mark Woodhead
KVH Senior Vice President, EMEA

Quick Feature Overview

- 12 subjects, 100 modules
- Core engineering skills
- Fundamental specialist knowledge
- A practical, stimulating mixture of training styles
- Latest eLearning technology
- Interactive
- 3D elements
- Animated graphics
- Fresh new look and feel
- Compatible with all mobile devices

Quick Course Overview

A wide range of subjects is covered, including:

- An Introduction to Ship Construction
- Propulsion Systems
- Fuel Oils
- Bunkering & Transfer
- Fuel Oil Treatment
- Diesel Engines
- Main Engine Fuel Systems
- Boilers
- Auxiliary Machinery
- Pumps & Pumping
- Steering Gear
- Clutches & Gearbox

Ask us about adding Practical Engineering to your maritime eLearning portfolio



Target audience

Practical Engineering's design supports training to a level of competence required by STCW and beyond.

These modules are suitable to use as a teaching aid in a classroom, as support to a trainer or a lecturer. It is also an effective self-study resource for students who wish to advance their knowledge at sea, home or at the company head office.

Whilst primarily aimed at marine engineers who wish to advance their careers, these modules can also be used by non-engineering students, such as deck officers, and other professionals requiring cross training.

About KVH Videotel

Well-trained crews deliver exceptional fleet performance

KVH Videotel's industry-leading eLearning maximises your seafarer learning investment:

- Improves performance
- Reduces safety and financial risks
- Lowers OPEX
- Helps recruit and retain motivated, happy seafarers

Effective crew training and management solutions in a range of formats and languages are the foundations of KVH Videotel services.

The company, part of KVH, has been dedicated to producing comprehensive, accurate and up-to-date products since its founding in 1973.



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Developed under the guidance of IMarEST Chartered engineers.