



Vessel Maintenance

Course Introduction:

The Vessel Maintenance course is an essential program created for maritime workers who want to improve their expertise in maintaining ship machinery to the highest standards. This course highlights the importance of well-maintained equipment in supporting the effective and profitable operation of ships, focusing on safety and dependability.

Course Objectives:

To effectively manage vessel machinery maintenance for safe, reliable, and cost-effective operations.

Who Should Attend?

This course is designed for all:

- Marine professionals seeking to enhance their knowledge and skills in vessel maintenance.
- Individuals working in the maritime industry with responsibilities related to vessel operations and upkeep.

Course Outline:

The role of machinery

- The role of machinery in contributing to the business of operating ships
 - Design and build
- The need for high-quality machinery maintenance
 - Safety-critical equipment and the spares required
 - Good quality maintenance
 - The strategic planning of maintenance
 - Standard of maintenance required

The importance of watchkeeping in keeping the machinery reliable

- Accurate data and record keeping
- Trend analysis
- Manufacturer's recommendations

- Flag and class requirements
- Cost-efficient maintenance/survey practice
- Preparation for dry-dock

Planning and organizing maintenance

- Impact on the ship's business aims
- Efficient use of staff
- The cost-effective management of spares

Different types of planned maintenance systems

- Breakdown maintenance
- Planned maintenance systems
- Advantages and disadvantages of different planned maintenance systems

The process for planning maintenance and preparations

- Permits to work
- Staff responsibilities
- Briefings (toolbox talk etc.)
- Correct procedures when preparing for maintenance work
- Typical servicing/ maintenance requirements of machinery

Staff and crew management

- Staff competence in the quality of machinery maintenance
- Crew training and management

Course Methodology:

A variety of methodologies will be used during the course that including:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures

- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Fees:

To be advised as per course location. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session