XCELERATE TRAINING INSTITUTE

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PROCUREMENT, LOGISTICS AND SUPPLY CHAIN MANAGEMENT

# Port Management and Operations

| DURATION | LANGUAGE | FORMAT |
|---|---|---|
| **5 days** | **English** | **Classroom / Online** |

## Upcoming dates

| Dates | Venue | Format | Fee |
|---|---|---|---|
| 15 – 19 Mar 2027 | Live online | Online (live) | **€1,200** |
| 26 – 30 Apr 2027 | Barcelona | Classroom | **€5,500** |
| 27 Sep – 1 Oct 2027 | Live online | Online (live) | **€1,200** |

### Register or ask a question

Online: x8ti.com/course/port-management-and-operations/

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# Port Management and Operations

## Introduction

Transportation plays a very critical role in our day-to-day life. Sea transportation continues to play a vital role in the movement of goods and hence ports are of paramount importance for a smooth and efficient movement of sea transportation. With the increasing vessel sizes and ownership models changing continuously it is crucial that ports need to be adaptable and responsive in this competitive world to sustain and gain an edge to attract more business.

What is a Port Management Course? This course covers the functions and types of terminals and ports, how to manage ports and their operations and maintenance. It comprises both national and international freight movements, passenger considerations, port controls, human and physical resource needs and requirements, consignments, monitoring and unitisation of consignments. The course also covers port planning requirements and development, associated infrastructure requirements and environmental considerations.

This training course will empower you with an in-depth understanding of Port Management and Operations to further build your knowledge and understanding as this will help you to upscale your capabilities and enhance your skills. It will equip you to take responsibilities in the area of your expertise so that you can smoothly and seamlessly run port operations using the new techniques, skills and knowledge thereby immediately adding to the overall growth of your Organization.

## Learning Objectives

The main objective of this Port Management and Operations Course is to empower professionals with

- Comprehensive understanding and knowledge of port and terminal management
- Understand the basic principle of port business
- Understanding the critical role ports play in international trade and transport and the impact on how ports can positively and negatively influence seaborne trade which can impact the economic development of countries
- The required skills and capabilities to interact on an international platform while handling port operations for trade and commerce, on behalf of the organization
- Understand the implications globalization has on the choice of port and how logistics and distribution patterns influence the growth and development or decline of ports operations
- Know the geographic causes and reasons for choosing a port location and the extent to which this may depend on the nature of their hinterland and natural resources of the country
- Knowledge and awareness on the location of major world ports in liner, dry bulk and liquid trades
- Learn how port performance can be measured – vessel turnaround time, cargo volume, speed of cargo handling, damage, and pilferage prevention
- Understand how quality management systems and benchmarking can be used to improve performance
- Insight on the nature of port competition on both national and international

## Training Methodology

This interactive Port Management and Operations Course will comprise the following training methods:

- Presentation
- Assignments
- Case Studies & Functional Exercises
- Questionnaires

## Benefits for Your Organisation

By professionals enrolling for this Port Management and Operations Course, organizations will derive the following benefits:

- Trained and experienced professionals will have deep analytics into exactly how ports are processing your shipments
- Influence and stimulate decisions on port destination through downstream partnering requirements in the overall supply chain, including geographical locations
- Using centralized data sharing and visibility to drive analysis to identify, potential issues and delays early and predict the downstream impact to keep problems to a minimum
- Use supply chain platform to integrate with port and terminal systems for real-time updates
- Compliance with internationally acceptable standards
- Reduce risks of legal hassles and issues related to risk-sharing, thus increasing credibility
- Better risk mitigation for better ROI, resulting in organizational growth and development

## Benefits for You

Professionals enrolling for this Port Management and Operations Course will benefit in the following ways:

- Complete knowledge and understanding of port management and operations
- Detailed understanding of port safety and its relation to port operations
- Opportunity to enhance skills in strategic thinking and problem solving by using best practices of port and operation management
- Studying to manage ports in a combination of material handling, storage, and overseeing commercial and technical components of the shipping industry
- Understanding in areas such as sea transportation, shipping laws, marine economics and insurance, international trade, and commerce
- Theoretical, technical, and managerial skills to upkeep in working professionally in the port management sector
- Help in identifying opportunities to develop strategies to improve effectiveness by using the learnings and tactics

## Who Should Attend

Port Management is ideal for port management professionals who are required to build on their knowledge in order to meet their day-to-day challenges and work effectively. Port Management will help prepare aspiring personnel with essential management skills, strategies and knowledge required for today’s

ever-growing sea freight market.

Typical participants include:

- Early or mid-career port agents who want to develop their knowledge
- Agents wishing to update their knowledge to keep abreast of changes in order to navigate through any challenges
- Operations managers, supply chain managers, and operations managers
- Professionals wishing to further develop their role in their organizations
- Shipping company personnel's wishing to upgrade their knowledge to support their customers

## Course Outline

The course covers the following topics for understanding Port Management and Operations:

### Port Management

- The rationale of Port Business
- Understand structuring of deliver services and relationship between infrastructure, navigating and handling facilities
- Understand cargo operations on board and ashore and prime importance of avoiding traffic and cargo congestion

### Ports and Their Functions

- Warehousing and storage of merchandise on land and stevedoring to and from vessel
- Inland access and intermodal connections
- Loading and unloading, handling transhipment of cargo
- Capacity Planning

### Introduction to International Trade and Logistics

- Understand the role of shipping in relation to ports in the global logistics
- Ship types and changes in trade routes due to impact of globalization
- Maritime logistics and modal shift and their role in port management
- Review the role of the warehousing in port operations

### Port Project Management – Techniques and Principles

- Principles of project management
- Difference between normal and project operating activities
- Understand the importance of good quality port project management

### Economics of Port Operations, Port Pricing and Financing

- Review the port economics landscape
- Analyze port cost structure and pricing tariffs
- Financial management overview for port managers
- Operational review and financial implication for port development

## Port Master Plans and Port Engineering

- Understand the importance and process of port master planning
- Discuss key engineering issues and identify solution as part of a master planning review cycle
- Establish a multilateral inter port communications, cooperation and data sharing strategy

## Port Labour and People Management

- Employee Management Framework
- Understanding of Historic and current labor environment
- Effective Management of port personnel based on skills and competency

## (Health, Safety, Security and the Environment) in Ports Management

- Importance of HSSE in port sector
- Review HSSE management concept
- Understand and review best practice in port management
- Regulatory framework for port safety and security
- Risk Management

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# Registration Form

## Port Management and Operations

Preferred dates: ..... Venue or online: .....

Duration: 5 days Language: .....

Please complete and email this form to us, or register online. We confirm your place and send the invoice within one working day.

### Delegate information

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Official email: ..... Personal email: .....

### Company information

Company name: .....

Address: .....

City / country: ..... VAT / tax number: .....

### Person responsible for training & development

Full name (Mr / Ms / Dr / Eng): .....

Position: ..... Telephone / mobile: .....

Email: .....

### Payment

☐ Please invoice me ☐ Please invoice my company

Signature: ..... Date: .....

**Call**
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Open the course page