The A - Z of Warehouse Management

2 – 6 August 2027
Singapore (Singapore)



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Ref: 3182_290365 **Date:** 2 – 6 August 2027 **Location:** Singapore (Singapore) **Fees:** 5400 GBP

Introduction

Warehousing operations are central to the supply chain of any organization. The ability to secure the storage and flow of goods while balancing costs with desired service levels presents a significant challenge for warehousing professionals. In this course, we will explore the strategic role of warehousing within the broader context of supply chain management and logistics. Additionally, we will dive into the various warehousing activities, focusing on how warehousing contributes to organizational success. We will also examine the operational and financial performance of warehousing, with a particular emphasis on sustainability.

Course Objectives

- Describe the strategic role of warehouses in the supply chain.
- Profile and optimize warehousing activities.
- Identify different warehousing configurations and value-adding activities.
- Develop key performance indicators KPIs and benchmark warehouse performance.
- Outline the cost and revenue aspects of warehousing.
- Recognize sustainable warehousing techniques and practices.

Course Outlines

Day 1: The Strategic Role of Warehousing

- Supply Chain Overview: Understanding the importance of warehouse management in the supply chain.
- The Role of Warehouses: How warehouses support and enhance the supply chain.
- Types of Warehouses: Learn about the various types of warehouses, including:
    - Private Warehouses
    - Public Warehouses
    - Contract Warehouses
- Fundamentals of Warehouse Operations: An introduction to core warehouse operations.
- Warehouse Organizations and Job Descriptions: Explore the roles and responsibilities within warehouse management.



Day 2: Warehouse Activity Profiling

- Customer Order Profiling: Understand how customer orders influence warehouse operations.
- Item Activity Profiling: Learn how to track and analyze the usage of items within the warehouse.
- Inventory Profiling: Techniques for assessing inventory and improving stock management.
- Activity Relationship Profiling: Understanding how different activities in the warehouse interrelate.
- Warehouse Equipment and Tools: Study technologies used in warehouses, such as Automatic Identification and Data Capture AIDC, barcoding, RFID, and more.

Day 3: Warehouse Configuration and Value-Adding Activities

- Warehouse Echelons: Explore the different levels within warehouse operations.
- Warehouse Design: Learn how to design a warehouse that meets the operational needs of a business.
- Value-Adding Activities: How warehouses contribute to supply chain efficiency through value-added services like:
    - Stockpiling, Spot Stocking, and Assortments
    - Cross-Docking, Breakbulk, and Consolidation
    - Mixing and Assemble-to-Order
    - Reverse Logistics

Day 4: Managing Warehouse Performance

- Warehousing KPIs: Understand the critical performance indicators used to measure warehouse success.
- Benchmarking Warehouse Operations: Learn how to compare your warehouse performance against industry standards.
- Performance Gap Identification: Identifying and addressing performance gaps in warehouse operations.
- Continuous Improvement in Warehouse Operations: Explore techniques for driving operational improvements.
- Warehouse Cost Calculations: Learn to calculate the various costs associated with warehouse operations, including:
    - Capital Costs
    - Operating Costs
    - Handling and Storage Costs
    - Investment Analysis



Day 5: Sustainable Warehousing Operations

- Lean Warehousing: Learn how to implement lean techniques to reduce waste in warehouse operations.
- Sustainability Competencies: Explore how sustainability can be integrated into warehouse management.
- The Triple Bottom Line: Understand the environmental, social, and economic impact of warehousing practices.
- Designing for the Supply Chain: Learn how to design warehouse operations with sustainability in mind.
- Designing for the Environment: Explore how warehouse designs can be optimized for both efficiency and environmental responsibility.

Why Attend This Course: Wins & Losses!

- Warehouse Management is at the heart of supply chain operations. Mastering best warehouse management practices can streamline your warehousing activities, reduce costs, and improve service levels.
- By understanding warehouse management systems and how to optimize warehouse operations, you will enhance your organization's overall efficiency and productivity.
- This course provides you with a comprehensive understanding of how to manage warehouse tasks efficiently while ensuring quality and cost control.
- Learn to implement sustainable warehousing practices that can contribute to both your organization's performance and environmental goals.
- Warehouse management training will teach you to design, manage, and evaluate your warehouse systems to improve overall productivity.
- You'll also gain insight into how to manage warehouse employees, allocate resources effectively, and address challenges in a dynamic, fast-paced environment.

Conclusion

Effective warehouse management is essential for the success of any supply chain. By learning how to manage warehouse operations more efficiently, reduce waste, and improve performance, you can significantly impact your organization’s profitability and sustainability. This course will equip you with the knowledge and skills to become a leader in warehouse management, helping you design, manage, and optimize warehousing processes.

Whether you're a warehouse supervisor, manager, or part of the logistics team, this course offers practical insights and techniques that will help you improve warehouse management operations and ensure your team is operating at its full potential.

Join us to discover how you can implement the best practices in warehouse management and create lasting improvements in your organization’s supply chain operations.

