

**COURSE TITLE:** Warehousing & Inventory Management

**COURSE CODE:** WIM101

## **Warehousing & Inventory Management: Course Introduction**

Welcome to "Warehousing & Inventory Management"! In today's dynamic global marketplace, efficient warehousing and precise inventory control are not just operational necessities, but strategic advantages. This course is designed to equip you with the fundamental knowledge and practical skills required to optimize warehouse operations, enhance inventory accuracy, and contribute significantly to your organization's profitability and customer satisfaction. From receiving and storage to picking, packing, and dispatch, and from forecasting and demand planning to inventory valuation and control, we will explore the core principles and best practices that drive successful supply chains.

### **What You'll Learn**

By the end of this course, you will be able to:

- **Understand the Role of Warehousing:** Grasp the strategic importance of warehousing within the broader supply chain and its impact on business performance.
- **Master Warehouse Operations:** Learn the key processes involved in effective warehouse management, including receiving, put-away, storage, order picking, packing, and shipping.
- **Implement Inventory Control Techniques:** Discover various inventory management methodologies, such as ABC analysis, FIFO/LIFO, JIT, and EOQ, and understand their practical applications.
- **Optimize Inventory Accuracy:** Explore strategies and technologies for maintaining high levels of inventory accuracy, including cycle counting and perpetual inventory systems.
- **Apply Warehouse Layout and Design Principles:** Understand how efficient warehouse layout and design can improve workflow, reduce handling costs, and maximize space utilization.
- **Utilize Technology in Warehousing:** Gain an appreciation for the role of warehouse management systems (WMS), barcoding, RFID, and automation in modern warehousing.
- **Manage Health, Safety, and Security:** Learn about essential health and safety regulations and security protocols within a warehouse environment.
- **Measure and Improve Performance:** Understand key performance indicators (KPIs) for warehousing and inventory management and identify opportunities for continuous improvement.
- **Address Challenges in Warehousing & Inventory:** Identify common challenges in the field and develop strategies to overcome them.

## Target Audience

This course is ideal for a wide range of individuals seeking to enhance their understanding and skills in warehousing and inventory management, including:

- **Aspiring Logistics and Supply Chain Professionals:** Individuals looking to enter the fields of logistics, supply chain management, or operations.
  - **Warehouse Supervisors and Managers:** Current warehouse personnel seeking to optimize their operations and improve efficiency.
  - **Inventory Control Specialists:** Professionals responsible for managing and controlling inventory levels.
  - **Operations Managers:** Managers who oversee various aspects of a company's operations and want to improve their understanding of warehousing and inventory.
  - **Procurement and Purchasing Agents:** Individuals involved in sourcing and acquiring goods, who can benefit from understanding inventory impact.
  - **Business Owners and Entrepreneurs:** Small and medium-sized business owners who wish to improve their internal logistics and inventory processes.
  - **Anyone Involved in the Supply Chain:** Individuals working in any role that intersects with warehousing and inventory, such as customer service, sales, or finance, who want to gain a holistic view.
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## Module 1: Foundations of Warehousing & Inventory Management

This module sets the stage by introducing the fundamental concepts of warehousing and inventory management. You'll learn about their critical roles within the broader supply chain, explore different types of warehouses, and understand the core principles that drive efficient operations. We'll also dive into the basics of inventory, including its various classifications and the impact it has on business profitability.

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## Module 2: Warehouse Operations & Technology

Building on the foundational knowledge, this module focuses on the practical aspects of running a warehouse. You'll gain a deep understanding of key operational processes from inbound receiving and put-away to outbound picking, packing, and shipping. We'll also explore the transformative role of technology, including Warehouse Management Systems (WMS), automation, and data analysis in optimizing warehouse efficiency and accuracy.

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## **Module 3: Strategic Inventory Control & Performance**

In this concluding module, we'll shift our focus to strategic inventory control and performance measurement. You'll learn advanced inventory management techniques, delve into demand forecasting, and understand how to maintain high levels of inventory accuracy. We'll also cover essential health and safety protocols, discuss key performance indicators (KPIs) for both warehousing and inventory, and explore strategies for continuous improvement to achieve operational excellence.