Advanced Inventory and Warehouse Operations Management Training Course



07 - 11 Dec 2026

Cairo

3700 € (Per Person)

Ref: #PSC8592_260061

Course Introduction / Overview:

This comprehensive training course provides a deep dive into the critical functions of inventory control and warehouse operations, essential pillars of a resilient and efficient supply chain. In today's fast-paced global market, mastering these domains is no longer optional but a strategic imperative for competitive advantage. This program is designed to equip participants with both foundational principles and advanced techniques to optimize storage, handling, and flow of goods. Drawing on established methodologies and contemporary best practices, the curriculum explores everything from inventory classification systems to warehouse layout optimization and performance metrics. As noted by logistics expert Edward Frazelle in his seminal work, "World-Class Warehousing and Material Handling," excellence in these areas directly translates to reduced costs, improved customer satisfaction, and enhanced operational agility. BIG BEN Training Center has structured this course to bridge the gap between theoretical knowledge and practical application, ensuring that delegates can implement impactful strategies to streamline their operations, minimize waste, and drive profitability from day one.

Target Audience / This training course is suitable for:

- Warehouse Managers and Supervisors.
- Supply Chain and Logistics Professionals.
- Inventory Planners and Analysts.
- Operations Managers.
- Procurement and Purchasing Specialists.
- Distribution Center Managers.
- Logistics Coordinators and Team Leaders.
- Retail and E-commerce Operations Staff.
- Individuals aspiring to a career in logistics and supply chain management.

Target Sectors and Industries:

- Manufacturing and Industrial Production.
- Retail and E-commerce.
- Third-Party Logistics (3PL) and Distribution.
- Pharmaceutical and Healthcare.
- Automotive and Aerospace.
- Food and Beverage.
- Construction and Engineering.
- Government and Public Sector Agencies.
- Fast-Moving Consumer Goods (FMCG).

Target Organizations Departments:

- Logistics and Distribution.
- Supply Chain Management.
- Warehousing and Storage.
- Inventory Control and Planning.
- Operations Management.
- Procurement and Purchasing.
- Manufacturing and Production.
- Quality Assurance and Control.

Course Offerings:

By the end of this course, the participants will have able to:

- Implement advanced inventory control techniques like ABC analysis and cycle counting.
- Develop effective inventory forecasting models to prevent stockouts and overstocking.
- Optimize warehouse layout and design for maximum efficiency and space utilization.
- Streamline core warehouse processes including receiving, put-away, picking, and shipping.
- Establish and monitor key performance indicators (KPIs) to measure warehouse performance.
- Integrate technology, including Warehouse Management Systems (WMS), to enhance operations.
- Implement robust health and safety protocols within the warehouse environment.
- Apply lean principles to eliminate waste and improve workflow in logistics operations.
- Develop strategies for managing returns and reverse logistics effectively.

Course Methodology:

The training methodology at BIG BEN Training Center is designed to be highly interactive, engaging, and centered on practical application. We move beyond traditional lecture-based formats to create a dynamic learning environment where participants actively engage with the material. The course utilizes a blend of expert-led presentations, real-world case study analyses, and collaborative group workshops. Participants will work in teams to solve complex inventory and warehousing challenges, mirroring the cross-functional collaboration required in the workplace. Interactive sessions, facilitated discussions, and problem-solving exercises ensure that theoretical concepts are immediately linked to practical scenarios. A significant emphasis is placed on peer-to-peer learning, allowing delegates to share experiences and insights from their respective industries. Throughout the program, our expert instructors provide continuous feedback and guidance, ensuring that each participant can translate the learned skills and strategies directly into their professional roles for immediate operational improvements and measurable results.

Course Agenda (Course Units):

Unit One: Fundamentals of Supply Chain and Warehouse Management

- The strategic role of warehousing in the modern supply chain.
- Core objectives of inventory management.
- Understanding the trade-offs between service levels and inventory costs.
- Types of warehouses and their specific functions.
- Key terminology in inventory and logistics management.
- The complete flow of goods from receiving to shipping.
- Introduction to materials handling equipment and principles.

Unit Two: Advanced Inventory Control and Forecasting Techniques

- Implementing ABC analysis for inventory prioritization.
- Mastering cycle counting for improved inventory accuracy.
- Calculating and applying the Economic Order Quantity (EOQ) model.
- Strategies for managing safety stock and reorder points.
- Just-in-Time (JIT) and Kanban inventory systems.
- Demand forecasting methods and their application.
- Managing slow-moving and obsolete stock (SLOB).

Unit Three: Optimizing Warehouse Operations and Layout

- Principles of effective warehouse layout and design.
- Best practices for the receiving and put-away processes.
- Advanced order picking strategies (e.g., wave, batch, zone picking).
- Streamlining the packing, staging, and shipping functions.
- Value-added services in the warehouse.
- Cross-docking techniques and implementation.
- Optimizing storage systems and space utilization.

Unit Four: Performance Measurement, Safety, and Technology

- Developing and tracking Key Performance Indicators (KPIs) for warehouse operations.
- The role of Warehouse Management Systems (WMS) in modern logistics.
- Exploring automation, robotics, and other emerging warehouse technologies.
- Implementing comprehensive warehouse health and safety programs.
- Conducting risk assessments and ensuring regulatory compliance.
- Best practices for warehouse security and loss prevention.
- Auditing warehouse processes for continuous improvement.

Unit Five: Strategic Management and Future Trends in Warehousing

- Applying lean principles for a waste-free warehouse.
- Developing a continuous improvement culture.
- Strategies for effective reverse logistics and returns management.
- Sustainable and green warehousing practices.
- Managing third-party logistics (3PL) partnerships.
- Navigating supply chain disruptions and building resilience.
- The future of warehousing: digitalization and Logistics 4.0.

FAQ:

Qualifications required for registering to this course?

There are no requirements.

How long is each daily session, and what is the total number of training hours for the course?

This training course spans five days, with daily sessions ranging between 4 to 5 hours, including breaks and interactive activities, bringing the total duration to 20 - 25 training hours.

Something to think about:

As warehouse automation and AI-driven forecasting become more prevalent, what is the evolving role of the human warehouse manager in balancing technological efficiency with human-centric leadership and problem-solving?

What unique qualities does this course offer compared to other courses?

This course distinguishes itself by adopting a holistic and strategic perspective on warehouse and inventory management, moving beyond mere operational tactics. While many programs focus narrowly on specific processes, this training integrates inventory control and warehouse operations into the broader context of the end-to-end supply chain. It emphasizes the critical link between inventory decisions and their financial impact, teaching participants not just the "how" but the "why" behind best practices. The curriculum is built on a foundation of academic rigor, referencing established principles while focusing intensely on practical, actionable strategies that can be implemented immediately. Rather than just demonstrating software tools, we cultivate a deep understanding of the methodologies that drive them, empowering participants to make informed decisions regardless of the technology at their disposal. The course fosters a mindset of continuous improvement and strategic thinking, preparing professionals not only for current challenges but also for the future trends shaping the logistics landscape, such as sustainability and digitalization.