

Advanced Warehouse Operations & Management Excellence

Supply Chain & Logistics
Barcelona (Spain)
28 Jul - 01 Aug 2025

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Advanced Warehouse Operations & Management Excellence

Ref: 3170_135080 **Date:** 28 Jul - 01 Aug 2025 **Location:** Barcelona (Spain) **Fees:** 4400 Euro

Course Description

This intensive 5-day course is designed for warehouse professionals seeking to master advanced operations and management techniques. Participants will explore cutting-edge technologies, lean management principles, and strategic planning methods to optimize warehouse efficiency and productivity. The course combines theoretical knowledge with practical applications to provide a comprehensive understanding of modern warehouse management.

Learning Objectives

- Implement advanced warehouse layout and design strategies
- Utilize cutting-edge warehouse management systems and technologies
- Apply lean management principles to streamline operations
- Develop effective inventory control and demand forecasting techniques
- Enhance warehouse safety and risk management practices
- Optimize workforce management and productivity in warehouse settings

Course Modules

Day 1: Advanced Warehouse Design and Layout

- Optimizing space utilization and flow
- Implementing automated storage and retrieval systems
- Designing for flexibility and scalability
- Integrating cross-docking and value-added services

Day 2: Cutting-edge Warehouse Management Systems

- Advanced WMS functionalities and integration
- Real-time inventory tracking and visibility
- Implementing IoT and RFID technologies
- Data analytics and business intelligence in warehousing

Day 3: Lean Warehouse Management

- Applying 5S and Six Sigma in warehouse operations
- Value stream mapping for process improvement
- Implementing Kanban and Just-in-Time principles
- Continuous improvement strategies in warehousing

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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Day 4: Advanced Inventory Control and Demand Planning

- Sophisticated inventory classification techniques
- Advanced forecasting models for demand planning
- Optimizing safety stock and reorder points
- Inventory optimization in multi-echelon supply chains

Day 5: Strategic Warehouse Management

- Developing KPIs for warehouse performance measurement
- Advanced workforce management and productivity optimization
- Risk management and contingency planning
- Sustainability and green warehousing practices

Practical Wins for Participants

- Ability to redesign warehouse layouts for 20-30% improved efficiency
- Skills to implement WMS solutions that reduce picking errors by up to 70%
- Techniques to apply lean principles, potentially reducing operational costs by 15-25%
- Strategies to optimize inventory levels, potentially freeing up 10-20% of working capital

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