

Scandinavian Academy
Training Center

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Riyadh - Al Khaleej District - Sheikh Abdul Aziz Bin Abdul Rahman Bin Bishr Street - 13223 - Office No. 5 | P.O.BOX : 13224

# Course: Strategic Logistics and Materials Management Program

| Code | City | hotel | Start | End | price | Language - Hours |
|---|---|---|---|---|---|---|
| SC-921SA | Dammam | Hotel Meeting Room | 2026-12-13 | 2026-12-17 | 9950 SR | En - 25 |

## Introduction

This Strategic Logistics and Materials Management Program provides an in-depth exploration of the strategic role logistics and materials management play in achieving operational excellence and cost efficiency. Focusing on supplier management, inventory models, transportation strategies, and global best practices, the course empowers professionals to optimize their supply chain performance from end to end.

Highly interactive and practical in design, this training program offers participants real-world tools and techniques to manage international shipping systems, procurement processes, and material planning strategies. The program emphasizes efficiency, control, and value generation throughout logistics and material operations.

Participants will gain advanced knowledge in key functions such as demand forecasting, inventory optimization, documentation, and transportation economics—all essential for modern logistics professionals.

## What is Material Management?

Material management is a core function within the supply chain that ensures the timely and cost-effective flow of materials required for operations. It involves planning, sourcing, storing, and controlling inventory efficiently. In this course, participants will explore how effective material management contributes to organizational competitiveness and operational efficiency, with hands-on strategies for becoming certified material management professionals.

## General Objective

To provide participants with advanced knowledge and practical tools to manage logistics and materials functions strategically—enhancing procurement performance, optimizing inventory, reducing supply chain risks, and applying global best practices in a modern business context.

## Course Objectives

- Understand the internal and external impact of logistics and materials management functions.
- Apply international freight procedures and shipping documentation effectively.
- Implement resource planning strategies that enhance operational efficiency.
- Manage cash flow and reduce costs through optimized logistics and procurement practices.
- Utilize inventory models and selective inventory strategies for better control.
- Create actionable plans to develop their role and maximize organizational value.

## Targeted Competencies

- Mapping and analyzing supply chain processes for maximum efficiency.
- Managing risks across procurement, logistics, and inventory functions.
- Aligning logistics strategies with customer service and financial objectives.
- Forecasting and planning inventory based on seasonal demands and cost factors.
- Applying international best practices in purchasing and stock control.
- Using performance models and tools like SCOR, EOQ, and Pareto analysis.

## Targeted Groups

- Senior logistics professionals
- Purchasing, warehouse, and inventory staff
- Financial and materials management professionals

- Supply chain operations managers and team leaders

# Course Content

### Day 1: The Role of Logistics and Supply Chain Management in Modern Businesses

- The evolving role of logistics in global supply chains
- Supply Chain Dynamics and SCOR Model application
- Identifying risks: internal, inventory, security, disruption, procurement
- Applying PESTLE analysis for risk recognition
- Building responsive and risk-aware logistics networks

### Day 2: Linking Strategies with Cost and Productivity in Procurement

- Spend analysis and purchase price index
- Total cost of ownership analysis
- Supplier classification using Kraljic’s Matrix and Porter’s Five Forces
- Strategic purchasing planning and lead-time impact
- Planning for effective negotiations in procurement

### Day 3: Strategic Supply in Materials Management

- Designing stock decision procedures
- Safety stock levels and reorder points
- Min/Max system application and improvement
- Forecasting material needs and cataloging
- Building Bills of Materials (BOM) for effective parts control

### Day 4: Effective Inventory Planning and Control

- Setting strategic inventory objectives
- Rationalizing inventory and cost control

- Economic Order Quantity (EOQ) calculations
- Pareto analysis and cost-focused planning
- Improving material coding, accuracy, and cycle counting
- Best practices in physical inventory control

## Day 5: Tactical and Operational Approaches in Transportation Economics

- Strategic transportation planning in logistics
- Modes of transport and intermodal system review
- Application of INCOTERMS and liability management
- Managing hazardous materials transportation
- Cost-efficiency and optimization in logistics operations

**The Scandinavian Academy for Training Center** adopts the latest scientific and professional methodologies in training and human resource development, aiming to enhance the efficiency of individuals and organizations. Training programs are delivered through a comprehensive approach that includes:

- Theoretical lectures supported by PowerPoint presentations and visual materials (videos and short films).
- Scientific evaluation of participants before and after the program to measure progress and knowledge acquisition.
- Brainstorming sessions and practical role-playing to simulate real-life scenarios.
- Case studies tailored to align with the training content and participants work nature.
- Assessment tests conducted at the end of the program to evaluate the achievement of training objectives.

Each participant receives the training material (both theoretical and practical) in printed form and saved on a CD or flash drive. Detailed reports, including attendance records, final results, and overall program evaluations, are also provided.

Training materials are prepared professionally by a team of experts and specialists in various fields. At the end of the program, participants are awarded a professional attendance certificate, signed and accredited by the Scandinavian Academy for Training Center.

**Program Timings:  9:00 AM to 2:00 PM**

**The program includes:**

- A daily buffet provided during the sessions to ensure participants comfort.
- A closing ceremony on the final day to distribute certificates and celebrate participants achievements.
- **Note: All prices are exclusive of 15% Value Added Tax (VAT).**

# Our Success Partners

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