

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: Masterclass in Strategic Supply Chain Planning and Execution

Code	City	hotel	Start	End	price	Language - Hours
SC-923SA	Al Baha	Hotel Meeting	2027-01-24	2027-02-04	19950 SR	En - 50

Introduction

In an era of increasing complexity, global competition, and rapid digital transformation, mastering the end-to-end planning and execution of supply chain operations is no longer optional — it is a strategic imperative. This Masterclass in Strategic Supply Chain Planning and Execution is designed to equip professionals with the tools, frameworks, and leadership skills to design, implement, and continuously improve high-performance supply chains.

Participants will explore every critical component of the modern supply chain — from procurement strategy and logistics planning to inventory control, digital transformation, and sustainability. The masterclass blends strategic thinking with practical applications, supported by case studies, global standards, and proven tools.

This immersive and intensive program is ideal for professionals seeking to move from operational execution to strategic leadership in supply chain performance.

General Objective

To enable participants to strategically plan, manage, and optimize integrated supply chain operations by aligning procurement, logistics, inventory, risk, and sustainability functions with organizational objectives and global best practices.

Course Objectives

- Design and execute end-to-end supply chain strategies.
- Align supply chain operations with business goals and customer value.
- Develop sourcing and supplier strategies using analytical tools.
- Improve inventory and demand planning accuracy.
- Optimize logistics networks and transportation costs.
- Apply digital tools and emerging technologies in supply chains.
- Identify and mitigate risks across the supply chain.
- Drive quality, sustainability, and continuous improvement initiatives.
- Lead cross-functional teams for integrated execution.
- Monitor, measure, and improve supply chain performance.

Targeted Competencies

- Strategic supply chain planning
- Procurement and supplier management
- Logistics and transportation strategy
- Forecasting and inventory optimization
- Warehouse management and automation
- Risk assessment and resilience planning
- Digital supply chain tools and analytics
- Performance measurement (KPIs, SLAs)
- Quality and sustainability integration
- Leadership in cross-functional environments

Targeted Groups

- Supply chain directors and managers
- Logistics professionals and operations leaders
- Procurement and sourcing specialists
- Planning and inventory control professionals

- Business improvement and strategy teams
- Professionals preparing for senior supply chain roles

Course Content

Day 1: Foundations of Strategic Supply Chain Management

- Definition and scope of supply chain strategy
- Differentiating operational and strategic supply chains
- SCOR model and its applications
- Key strategic objectives in supply chain planning
- Case study: strategy-to-execution alignment

Day 2: Supply Chain Network Design and Configuration

- Mapping the supply chain and segmentation
- Facility location, layout, and capacity planning
- Demand-supply balancing at the network level
- Optimization tools for network modeling
- Regional vs. global supply networks

Day 3: Strategic Procurement and Sourcing Management

- Sourcing strategies and spend analysis
- Supplier segmentation (Kraljic Matrix)
- Total Cost of Ownership (TCO) and value-based sourcing
- Contract management and performance-based relationships
- Risk-based supplier evaluation

Day 4: Demand Planning and Inventory Optimization

- Forecasting methods (quantitative and qualitative)
- Inventory planning and service level targets
- EOQ, reorder point, and safety stock calculations

- Reducing inventory costs while maintaining availability
- Inventory analytics and decision models

Day 5: Transportation and Logistics Execution

- Role of logistics in strategic execution
- Transportation planning and cost modeling
- Incoterms, customs, and cross-border logistics
- Freight mode selection and route optimization
- Outsourcing logistics: 3PL, 4PL models

Day 6: Warehouse Strategy and Material Handling

- Warehouse design and layout strategies
- Picking, packing, shipping, and receiving
- Automation and Warehouse Management Systems (WMS)
- Space utilization and storage systems
- Performance tracking and inventory accuracy

Day 7: Digital Supply Chain and Technology Integration

- Digitalization of supply chains: overview and trends
- IoT, RFID, blockchain, and AI in SCM
- Real-time data visibility and tracking
- Integration of ERP, WMS, and TMS platforms
- Building a digital roadmap for supply chain transformation

Day 8: Risk Management and Supply Chain Resilience

- Types of supply chain risks (operational, financial, geopolitical)
- Risk identification and mapping
- Scenario planning and contingency strategies
- Supply chain continuity and crisis response planning
- Building resilient and flexible operations

Day 9: Performance Measurement and Continuous Improvement

- Key performance indicators (KPIs) for supply chains
- Dashboards and performance monitoring
- Lean principles and waste reduction
- Continuous improvement (Kaizen, Six Sigma)
- Cross-functional alignment for improvement

Day 10: Sustainability and Strategic Supply Chain Leadership

- Sustainable sourcing and logistics
- Environmental impact and circular supply chains
- Social responsibility in supply networks
- Leading change in supply chain strategy
- Final case presentation and action planning

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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