



# Certified in Logistics, Transportation and Distribution

Warehouse Strategy



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# Warehouse Strategy

## 1. Definition of Warehouse Strategy

A warehouse strategy defines how a company manages storage, handling, and distribution to optimize costs, service levels, and operational efficiency. It aligns warehouse operations with overall supply chain goals, ensuring the right products are in the right place at the right time.

## 2. Strategic vs. Tactical Warehousing

Strategic warehousing involves long-term decisions like location, size, and capacity. Tactical warehousing covers day-to-day operational planning such as slotting, picking, and scheduling. Mastery ensures that both long-term strategy and daily execution support business objectives.

## 3. Centralized vs. Decentralized Warehousing

Centralized warehouses consolidate inventory in fewer locations to reduce costs, while decentralized warehouses store inventory closer to customers to improve service. Understanding the trade-offs informs optimal warehouse network design.

## 4. Warehouse Location Decisions

Location selection considers proximity to suppliers and customers, transportation costs, labor availability, and regional regulations. A well-chosen location reduces logistics costs, lead times, and enhances service levels.

## 5. Warehouse Network Design

Network design determines the number, size, and placement of warehouses. Proper design balances cost,

service, and flexibility, ensuring efficient flow of goods from suppliers to customers.

## **6. Storage Strategies**

Storage strategies, such as bulk storage, racking systems, and automated storage, optimize space utilization, accessibility, and operational efficiency. Mastery ensures the right approach for different product types and volumes.

## **7. Inventory Positioning**

Inventory positioning determines which products are stored where to minimize transportation costs and delivery times. Strategic positioning supports demand fulfillment, reduces stockouts, and optimizes working capital.

## **8. Slotting Optimization**

Slotting organizes inventory within the warehouse to maximize picking efficiency, reduce travel time, and improve labor productivity. Understanding slotting principles enhances warehouse throughput and operational efficiency.

## **9. Cross-Docking Strategy**

Cross-docking moves products directly from receiving to shipping without storage, reducing handling, storage costs, and lead times. Mastery ensures faster order fulfillment and leaner warehouse operations.

## **10. Picking Strategies**

Picking strategies, including batch, zone, wave, or discrete picking, determine how orders are retrieved. Selecting the optimal method reduces labor, travel time, and errors while increasing throughput.

## **11. Warehouse Automation**

Automation technologies such as conveyors, AS/RS systems, and robotics increase efficiency, accuracy, and speed.

Mastery involves evaluating ROI and implementing automation that aligns with warehouse objectives.

## **12. Labor Management**

Efficient workforce planning, training, and scheduling improve productivity, reduce errors, and control labor costs. Labor management is critical to executing a warehouse strategy effectively.

## **13. Performance Metrics**

Key metrics include order accuracy, inventory accuracy, throughput, and on-time shipments. Tracking metrics enables performance monitoring, continuous improvement, and alignment with strategic goals.

## **14. Safety and Compliance**

Warehouses must comply with OSHA, environmental, and industry-specific regulations. Safety programs, proper storage, and handling practices reduce risks, prevent incidents, and maintain operational continuity.

## **15. Handling and Material Flow**

Material flow planning optimizes how goods move within the warehouse, including receiving, storage, picking, and shipping. Efficient flow reduces congestion, handling time, and operational costs.

## **16. Warehouse Layout Planning**

Effective layout maximizes space utilization, minimizes travel distance, and enhances workflow. Layout planning considers product types, handling equipment, and process flows for operational efficiency.

## **17. Inventory Accuracy and Control**

Accurate inventory records support replenishment, reduce stockouts, and improve service levels. Cycle counting, auditing, and real-time tracking are key elements of inventory control.

## **18. Seasonal and Peak Demand Planning**

Warehouse strategies must accommodate seasonal spikes or promotional events by adjusting staffing, storage, and handling processes. Proper planning ensures service levels and operational efficiency are maintained.

## **19. Cost-to-Serve Analysis**

Analyzing the cost to store, handle, and ship products informs warehouse strategy by identifying high-cost items, optimizing storage, and improving profitability while maintaining service levels.

## **20. Continuous Improvement**

Regularly reviewing warehouse processes, performance metrics, and layout identifies opportunities to reduce costs, improve service, and increase productivity. Techniques such as Lean, Six Sigma, and Kaizen support sustainable improvement.

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# Micro-Learning Programs in Supply Chain Management & Procurement



Enhance your professional edge with Fhyzics Business Consultants' Micro-Learning Programs in Supply Chain Management and Procurement. Designed as focused, two-hour Executive Development Programs, these sessions deliver practical insights and tools to solve real-world business challenges. Conducted in small batches for personalized learning, participants gain a deeper understanding of key supply chain and procurement strategies that drive efficiency and profitability. Each participant receives a certificate of completion, adding value to their professional profile and career growth. Whether you aim to advance in your current role or explore new opportunities, this program equips you with the knowledge and confidence to excel.



# Micro-Learning Programs in Supply Chain Management



1. Fundamentals of Supply Chain Management
2. Supply Chain Planning and Optimization
3. Demand Forecasting Techniques
4. Inventory Control and Management
5. Distribution and Logistics Strategy
6. Warehouse Layout and Operations Efficiency
7. Supply Chain Risk Management
8. Supply Chain Performance Metrics (KPIs)
9. Lean Supply Chain Practices
10. Agile and Responsive Supply Chains
11. Sales and Operations Planning (S&OP)
12. Supply Chain Network Design
13. Supply Chain Digital Transformation
14. AI and Data Analytics in Supply Chain
15. Supply Chain Sustainability and Green Logistics
16. Reverse Logistics and Returns Management
17. Supply Chain Collaboration and Integration
18. Supplier Relationship Management in SCM
19. Global Supply Chain Strategy
20. Transportation Management Systems (TMS)
21. Inventory Optimization Models
22. Demand-Driven MRP (DDMRP) Concepts
23. Blockchain Applications in Supply Chain
24. Supply Chain Cost Reduction Techniques
25. SCOR Model and Process Improvement



# Micro-Learning Programs in Supply Chain Management ...



26. Capacity Planning and Resource Allocation
27. Managing Supply Chain Disruptions
28. End-to-End Supply Chain Visibility
29. Cold Chain Logistics Management
30. Supply Chain Compliance and Ethics
31. Import–Export Procedures and Documentation
32. Managing Third-Party Logistics (3PL) Providers
33. Supply Chain Collaboration Technologies
34. Production Planning and Scheduling
35. Strategic Supply Chain Design Using Case Studies
36. Circular Economy in Supply Chain
37. Vendor-Managed Inventory (VMI)
38. Transportation Optimization Techniques
39. E-Commerce Supply Chain Models
40. Omni-Channel Fulfillment Strategies
41. Warehouse Automation and Robotics
42. SCOR DS Roadmap for Supply Chain Excellence
43. Customer-Centric Supply Chain Strategies
44. Supply Chain Finance and Working Capital Management
45. Supply Chain Data Visualization Using Power BI
46. Strategic Sourcing in Supply Chain Context
47. Supply Chain Benchmarking and Best Practices
48. Integrated Business Planning (IBP)
49. Supply Chain in Crisis Management and Recovery
50. Future Trends and Technologies in Supply Chain

# Micro-Learning Programs in Procurement



1. Fundamentals of Procurement Management
2. Strategic Sourcing and Category Management
3. Supplier Selection and Evaluation
4. Contract Management Essentials
5. Cost and Price Analysis in Procurement
6. Negotiation Strategies for Procurement Professionals
7. E-Procurement and Digital Tools
8. Procurement Planning and Budgeting
9. Risk Management in Procurement
10. Supplier Relationship and Performance Management
11. Sustainable and Ethical Procurement
12. Total Cost of Ownership (TCO) Analysis
13. Make-or-Buy Decision Frameworks
14. Procurement Policies and Governance
15. Procurement in Public vs. Private Sectors
16. Procurement Audit and Compliance
17. Procurement Data Analytics and Reporting
18. Procurement Scorecards and KPIs
19. Strategic Supplier Partnerships
20. Category Strategy Development
21. Managing Global and Offshore Procurement
22. Negotiation Simulation Workshop
23. Contract Law for Procurement Managers
24. Cost Reduction Strategies in Procurement
25. Supplier Risk Assessment Models

# Micro-Learning Programs in Procurement ...



26. Procurement Process Mapping and Improvement
27. Procurement Automation and AI Applications
28. Managing Procurement Teams Effectively
29. Procurement Ethics and Transparency
30. Procurement in the Digital Supply Chain
31. Vendor Consolidation Strategies
32. Spend Analysis and Optimization
33. Demand Forecasting for Procurement
34. E-Auction and Reverse Bidding Techniques
35. Inventory and Procurement Alignment
36. Procurement in Project-Based Organizations
37. Supplier Onboarding and Development
38. Procurement Market Intelligence
39. Measuring Supplier Innovation
40. Procurement in Times of Supply Disruption
41. Cross-Functional Collaboration in Procurement
42. Writing Effective RFPs, RFQs, and RFIs
43. Contract Negotiation Best Practices
44. Green Procurement and Circular Economy
45. Legal Aspects of Procurement Contracts
46. Performance-Based Contracting
47. Procurement Leadership and Strategic Influence
48. Cost Avoidance and Value Creation in Procurement
49. Managing Procurement with Power BI Dashboards
50. Future Skills and Trends in Procurement



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[Certifications@Physics.net](mailto:Certifications@Physics.net)  
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