Healthcare Supply Chain Management Training Course

Professional Development Training Course Outline

Category	Public Health	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Healthcare Supply Chain Management is a critical pillar in modern healthcare systems, ensuring the efficient, transparent, and cost-effective flow of medical supplies, pharmaceuticals, equipment, and services from manufacturers to patients. With rising global demand, digital transformation, and increasing pressure for cost optimization, healthcare organizations are adopting advanced supply chain strategies powered by AI, blockchain, predictive analytics, and automation. Healthcare Supply Chain Management Training Course equips participants with practical skills and strategic insights to manage complex healthcare supply networks, improve procurement efficiency, reduce wastage, and enhance patient care outcomes through resilient and data-driven systems.

In today's rapidly evolving healthcare ecosystem, supply chain disruptions can directly impact patient safety and service delivery. This course focuses on building competencies in end-to-end supply chain visibility, inventory optimization, regulatory compliance, vendor management, and cold chain logistics. Participants will explore real-world challenges such as pandemic response logistics, vaccine distribution, hospital procurement inefficiencies, and pharmaceutical traceability systems. The program is designed to empower professionals with globally benchmarked best practices, digital tools, and sustainability-driven supply chain models aligned with WHO standards and modern healthcare infrastructure needs.

Programme Curriculum

Healthcare Supply Chain Management Training Course

Introduction

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Course Duration

5 days

Course Objectives

1. Master end-to-end healthcare supply chain optimization
2. Understand AI-powered predictive demand forecasting
3. Develop skills in digital procurement transformation
4. Improve pharmaceutical inventory management systems
5. Apply blockchain for medical traceability
6. Enhance cold chain logistics efficiency
7. Strengthen hospital procurement strategy development
8. Learn risk management in healthcare supply chains
9. Implement ERP and SAP healthcare modules
10. Optimize last-mile medical delivery systems
11. Ensure regulatory compliance and quality assurance
12. Build data-driven supply chain decision-making
13. Support sustainable and green healthcare logistics

Target Audience

1. Hospital supply chain managers
2. Procurement officers in healthcare institutions
3. Pharmaceutical distribution managers
4. Logistics and warehouse supervisors
5. Healthcare administrators and executives
6. NGO and public health logistics coordinators
7. Biomedical equipment managers
8. Government health supply chain officers

Course Modules

Module 1: Fundamentals of Healthcare Supply Chain Management

- Overview of healthcare supply ecosystems
- Flow of pharmaceuticals, equipment, and consumables

- Stakeholder roles in healthcare logistics
- Supply chain challenges in hospitals
- Case Study: Inefficiencies in public hospital procurement systems

Module 2: Digital Transformation in Healthcare Supply Chains

- Introduction to digital health logistics platforms
- Role of AI and automation in procurement
- Blockchain for transparency and traceability
- Cloud-based inventory systems
- Case Study: Blockchain adoption in vaccine tracking systems

Module 3: Procurement and Vendor Management

- Strategic sourcing in healthcare procurement
- Supplier evaluation and contract management
- Cost control and negotiation strategies
- Ethical procurement practices
- Case Study: Cost reduction in private hospital supply contracts

Module 4: Inventory and Warehouse Management

- Inventory classification (ABC & VEN analysis)
- Stock optimization techniques
- Warehouse layout and automation
- Expiry and wastage control
- Case Study: Reducing medicine wastage in tertiary hospitals

Module 5: Cold Chain and Pharmaceutical Logistics

- Temperature-controlled supply chain systems
- Vaccine storage and distribution requirements
- Monitoring technologies (IoT sensors)
- Risk mitigation in cold chain failures
- Case Study: COVID-19 vaccine cold chain distribution success model

Module 6: Healthcare Supply Chain Analytics

- Data-driven decision-making tools
- Predictive analytics for demand planning
- KPI tracking in supply chains
- Dashboard and reporting systems
- Case Study: Predicting medicine shortages using AI analytics

Module 7: Risk, Compliance, and Quality Assurance

- Regulatory frameworks in healthcare logistics
- Risk assessment and mitigation strategies
- Quality control in medical supply chains
- Audit and compliance systems
- Case Study: Managing supply chain disruption during pandemics

Module 8: Sustainable and Future-Ready Supply Chains

- Green logistics and sustainability models
- Circular economy in healthcare waste management
- Automation and robotics in logistics
- Future trends: drones and autonomous delivery
- Case Study: Drone delivery of medical supplies in remote regions

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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Register Online Now

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