CERTIFIED SUPPLY CHAIN PROFESSIONAL



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Introduction

Supply chain professionals connect demand, supply, production, logistics, and inventory into one flow, and they carry responsibility for cost, service, and resilience at the same time. The role spans planning, sourcing, distribution, contracts, and risk, which is why organisations look for people who understand the whole chain rather than one link. This Certified Supply Chain Professional Training Course gives supply chain managers, planners, and procurement professionals a complete working method across all of it. Participants learn network design, integrated planning, sourcing and supplier management, logistics and inventory control, risk management, and performance measurement. Furthermore, the course connects every supply chain decision to cost, cash, and customer outcomes.

Certified Supply Chain Professional Course Objectives

- Apply end-to-end supply chain strategy across plan, source, make, deliver, and return.
- Design supply networks using total cost and service level analysis.
- Build integrated planning across demand, supply, production, and distribution.
- Run the sales and operations planning cycle with clear governance.
- Apply category and supplier management with performance measurement.
- Design sourcing strategies and evaluate suppliers on total cost of ownership.
- Control inventory with ABC and XYZ classification and replenishment rules.
- Manage logistics: mode selection, freight control, and customs coordination.
- Apply supply chain risk management and continuity planning.
- Measure performance with cost to serve, delivery reliability, and cash cycle indicators.

Course Methodology

- Facilitated sessions built on real planning data, supplier files, and logistics records.
- Case workshops on demand shocks, supply disruption, and service failures.

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- Spreadsheet drills on total cost, safety stock, and cash cycle calculation.
- Integrated planning and inventory policy exercises for live categories.
- Group exercise on a supply chain improvement plan with measurable targets.

Who Should Take This Course

- Supply chain and operations managers.
- Demand, supply, and production planners.
- Procurement and category managers.
- Inventory and distribution managers.
- Logistics and warehouse supervisors.
- Finance and audit staff reviewing supply chain cost and working capital.

Certified Supply Chain Professional Course Outlines

Day 1: Supply Chain Strategy and Network Design

- End-to-end supply chain structure and its five core processes.
- Strategy alignment with customer value and competitive priorities.
- Network design: facilities, locations, and service coverage.
- Total cost to serve and cost driver analysis.
- Centralised versus decentralised distribution decisions.
- Outsourcing, 3PL, and make-or-buy evaluation.
- Supply chain maturity assessment and improvement priorities.

Day 2: Demand, Supply, and Integrated Planning

- Demand planning and forecast accuracy measurement.

- Supply planning under capacity and material constraints.
- Sales and operations planning cycle and meeting governance.
- Master scheduling and rough-cut capacity planning.
- Long-lead item planning and early commitment.
- Plan stability, revisions, and change control discipline.
- Scenario planning for demand and supply shocks.

Day 3: Sourcing, Suppliers, and Inventory Policy

- Category segmentation and sourcing strategy selection.
- Supplier qualification, performance measurement, and development.
- Contract structures and service level agreements.
- ABC and XYZ classification for control levels.
- Economic order quantity, safety stock, and reorder point setting.
- Multi-echelon inventory and distribution requirements planning.
- Obsolescence, surplus, and slow-moving stock control.

Day 4: Logistics, Distribution, and Order Fulfilment

- Inbound, internal, and outbound flow planning.
- Mode selection, consolidation, and carrier management.
- Incoterms 2020 and customs documentation in cross-border flows.
- Warehouse operations and order fulfilment cycle design.
- Perfect order measurement and delivery reliability improvement.
- Freight cost control and invoice auditing.
- Returns, reverse logistics, and after-sales flows.

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Day 5: Risk, Technology, and Performance Management

- Supply chain risk register and mitigation planning.
- Resilience: alternate sources, buffer strategies, and continuity plans.
- Sustainability and ethical supply chain requirements.
- Technology: ERP, WMS, TMS, planning systems, and analytics.
- KPIs: cost to serve, order accuracy, delivery reliability, and cash-to-cash cycle.
- Reporting to management and executive review.
- Building a multi-year supply chain improvement roadmap.

Conclusion

By successfully completing the Certified Supply Chain Professional Training Course, participants will have acquired a thorough working knowledge of supply chain strategy and network design, integrated demand and supply planning, sourcing and supplier coordination, inventory policy setting, logistics and order fulfilment, risk management, and performance measurement. They will leave able to run a chain that delivers reliably at a cost the business can carry, and to explain supply chain performance in financial terms. Gentex Training Center delivers this programme with supply chain practitioners who manage these operations in live organisations.

FAQs for the Certified Supply Chain Professional course

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Q1 What is the "Certified Supply Chain Professional" course about?

It is a five-day programme covering the supply chain end to end. It deals with network design, integrated planning, sourcing and supplier management, inventory policy, logistics and order fulfilment, risk management, and performance measurement.

Q2 What are the key benefits of the "Certified Supply Chain Professional" course?

Participants cut expedited freight and excess stock, improve delivery reliability, and reduce service failures caused by disconnected planning. They also gain one consistent set of cost, service, and cash measures that shows management where the chain is working and where it is not.

Q3 What skills will I gain from the "Certified Supply Chain Professional" course?

You will gain supply chain strategy and network design, integrated demand and supply planning, sourcing and supplier management with inventory policy setting, and logistics, risk, and supply chain performance management.

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Q4 What tools, methods, or standards are covered in the "Certified Supply Chain Professional" course?

The course works with the end-to-end supply chain process model, total cost to serve analysis, network design and facility location evaluation, centralised versus decentralised distribution modelling, 3PL and make-or-buy assessment, forecast accuracy measurement, sales and operations planning cycle governance, master scheduling and rough-cut capacity planning, long-lead item planning, category segmentation and sourcing strategy selection, supplier scorecards and service level agreements, ABC and XYZ classification, economic order quantity and safety stock models, reorder point systems, multi-echelon inventory and distribution requirements planning, mode selection and freight invoice audit, Incoterms 2020 and customs documentation, perfect order measurement, risk registers and continuity planning, ERP, WMS, TMS and planning analytics, and KPIs including cost to serve, delivery reliability and cash-to-cash cycle.

Q5 How is the "Certified Supply Chain Professional" course applied in real-world practice?

Teams apply it when reviewing a distribution network, running the monthly S&OP cycle, setting safety stock after a demand shift, selecting a carrier for a new lane, planning a supplier continuity strategy, and presenting supply chain performance to the executive team.