

CILT Certificate in Digital Supply Chain Strategy

Why Attend

- A radically changed world is forcing organizations to revisit the way they operate their supply chains. Innovations in digital technology and a shift in consumer behaviour have made the digital transformation of supply chains a priority across industries. The need for a digital supply chain strategy has become foundational for organizational sustainability.
- In this course, which is certified by the Chartered Institute of Logistics and Transport (CILT), we will learn how to develop a digital supply chain strategy that can take organizations into the future. We will also explore various digital technologies as they relate to supply chains as well as experiment with design-inspiration and design-thinking concepts. In addition, we will examine the importance of collaboration for the optimization of information and product flows across supply chain partners. Finally, we will zoom in on the “digital mindset” and organizational principles that are required to drive supply chain strategies forward.

Course Methodology

- This course leverages a variety of learning tools including digital applications, gamification, case studies, exercises, and videos.

Course Objectives

By the end of the course, participants will be able to:

- Develop digital transformation strategies for supply chains
- Recognize digital technologies and their application across supply chains
- Apply design inspiration and design thinking techniques to solving supply chain problems
- Optimize data and operational flows across supply chain partners
- Adopt a digital mindset that supports the principles of futuristic supply chains

Target Audience

- Supply chain and logistics professionals at all levels of the organization. In addition, this course is ideal for those seeking to complement their supply chain and logistics experience with the latest knowledge in preparation for assuming a higher position.

Target Competencies

- Supply chain strategy
- Supply chain management
- Digital transformation
- Supply chain technology
- Digital mindset
- Procurement
- Logistics
- Warehousing
- Transportation
- Design thinking

Digital transformation of supply chains

- Supply chain management overview
- Evolution of supply chains over time
- Digital transformation strategy roadmap
- The rise of digital technology
- Digital customer ecosystems and omni-channels
- Digital acceleration through technology investments
- Transformation management practices

Digital supply chain technologies

- Impact of technology on supply chains
- Digital disruption
- Technology in data management
- Big data and analytics
- Artificial Intelligence (AI)
- Blockchain
- Technology in logistics
- Drones and Unmanned Aerial Vehicles (UAVs)
- Self-driving vehicles
- Automatic Storage and Retrieval Systems (ASRS)
- Robotics
- 3D printing
- Technology in user interface
- Internet of Things (IoT)

Supply chain design thinking techniques

- Problem identification
- Design inspiration
- Changing behavior and trends
- Design for material, use and waste-management
- Design thinking

- Systems thinking
- Product stewardship

Optimizing the supply ecosystem

- From supply chain to supply ecosystem
- Investing in partnerships
- Relationship echelons
- Partnerships
- Alliances
- Joint Ventures (JVs)
- Optimizing visibility and information sharing
- Improving velocity of product delivery
- Simplification of scope

Digital mindsets and principles for the future

- Agility and flexibility
- Customer-centricity
- Startup mentality
- Technological leadership
- Failing fast
- 10 organizational principles for digital supply chains