

Futuristic Multimodal Supply Chain and Trade Digitalization Diploma

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Futuristic Multimodal Supply Chain and Trade Digitalization Diploma

Building Future-Ready Multimodal Leaders for
a Digital, Sustainable and Resilient World

Program Overview & Marketing Content

This program is designed for ambitious professionals who want to master the next frontier in supply chain and logistics. As global trade faces unprecedented transformation driven by digitalization, sustainability imperatives, and regulatory change, organizations need leaders who understand multimodal integration and can harness emerging technologies. Our 12-week diploma offers the only integrated program that combines multimodal expertise, digital trade standards, compliance with upcoming EU and global regulations, and hands-on labs in digital twins and AI. Participants graduate not only with cutting-edge knowledge, but also with practical micro-credentials that prove their readiness to shape the future of multimodal supply chains.

Who Should Attend:

This program is designed for a broad range of professionals across the supply chain, logistics, trade, and regulatory sectors. Participants who will benefit the most include:

- Modal transport suppliers, Freight forwarders, Shippers, Governmental authorities, transport planners, operators, and logistics managers who need an end-to-end perspective.
- Trade compliance officers, IT solution providers, shippers, and freight forwarders seeking digital readiness.
- Regulatory affairs specialists, compliance managers, and operations leaders.
- Operations directors, network planners, and digital transformation specialists.
- Sustainability officers, strategy consultants, and policy advisors.
- Customs brokers, international trade lawyers, and supply chain managers.
- Policy makers, infrastructure planners, and investment managers.
- All participants – project teams bringing together diverse expertise.

Module 1: Mastery of Multimodal Operations

Learning Objectives:

- Understand integration across rail, road, air, sea, and inland waterways.
- Learn about equipment standards, container compatibility, and unitization.
- Analyze the role of inland hubs, dry ports, and smart corridor management.

Module 2: Digital Trade & Paperless Transformation

Learning Objectives:

- Gain hands-on experience with electronic Bills of Lading (eBL) and ICC/DCSA standards.
- Apply IATA ONE Record for real-time cargo data exchange across modes.
- Design and test Business-to-Administration flows under the EU eFTI regulation.

Module 3: Compliance & Global Regulation Readiness

Learning Objectives:

- Deep dive into liability regimes and their application to multimodal operations.
- Prepare for EU ICS2 Release 3 filings across modes (air, sea, road, rail).
- Develop strategies for ETS allowance management and FuelEU compliance.

Module 4: Digital Twin and AI-Enabled Operations

Learning Objectives:

- Build a digital twin of a multimodal corridor with advanced simulation software.
- Use AI-assisted planning to reconfigure routing under disruption scenarios.
- Integrate predictive analytics to anticipate bottlenecks and optimize flows.

Module 5: Sustainability and Decarbonization Strategy

Learning Objectives:

- Model CO2 emissions under ETS, FuelEU, IMO CII, and voluntary schemes.
- Evaluate modal shift strategies under carbon pricing and fuel penalties.
- Integrate ESG frameworks and prepare sustainability reports with digital MRV.

Module 6: Global Trade Facilitation and Customs Innovations

Learning Objectives:

- Practice electronic customs filing under eFTI, ICS2, and blockchain pilots.
- Understand AEO certification, TIR transit, and NCTS digital workflows.
- Explore future trade facilitation corridors and single-window systems.

Module 7: Network Design & Infrastructure Futures

Learning Objectives:

- Analyze new trade routes including the Middle Corridor and Arctic shipping lanes.
- Examine smart ports, autonomous rail, and drone-enabled delivery systems.
- Explore investment strategies for future-proof multimodal infrastructure.

Module 8: Capstone Integrated Project

Learning Objectives:

- Design an end-to-end multimodal trade lane integrating ONE Record, eBL, ETS/FuelEU models, and ICS2 compliance.
- Deliver a resilience plan with AI-powered disruption recovery.
- Present a professional boardroom-ready strategy supported by a live digital dashboard prototype.

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