Intermodal Transport & Hinterland

Understanding multimodal transport and hinterland connections

This course explores the integration of different transport modes in modern supply chains, covering road, rail, inland waterways and sea shipping. You will learn how hinterland connections function and how to optimize multimodal transport solutions. The programme includes case studies that apply theoretical concepts to real-world logistics challenges. It is designed for current and aspiring managers in the maritime, port and logistics sector.

Over deze cursus

Taal	Engels
Onderwijsvorm	Online
Type	E-learning/zelfstudie

Algemene informatie

The topic regarding intermodal transport & hinterland is part of the transport chain In this course we consider the different modes of transport (road, inland waterway transport, rail and sea shipping) and the ports (terminals and the related logistic activities).

International trade is the foundation of transportation across the world as around 90% of international trade is done via maritime transport. In maritime transport, the two main components which play a role are the port and the modes of transportation. On one hand, there is the transportation by sea, which is done by ship. On the other hand, transportation on the landside of the port takes place via road, rail and/or inland waterway (pipeline is not included here). The port plays here a crucial role in connecting those two means of transportation (water side and land side), where infrastructure determines the physical flows and the means of transportation. Additionally, to make sure that transportation takes place in the most efficient and effective way, the port and its surroundings are considered vital in the process of optimizing international trade. This is exactly what the intermodal transport & hinterland course is about.

The mode of transport you use depends on where you want to go, the distance, the time it takes to get you to your destination, and what you want to take with you. This is applicable to you as a traveller or transporter of goods. If you have the time, a slow but economically feasible solution is in place (like transporting iron ore). If you're in a hurry a fast but more expensive solution is acceptable (like transporting micro- chips). How do you find the balance in the types of goods, where they need to come from or need to go? How do all modes of transport play their role in finding this balance? How do you match the availability of these modes with the interconnection they have? A complex environment where information, cost and the interest of various actors come together. The role of the port is a very important one where time, connectivity, information flow and the use of infra- and superstructures determine processes. It will take you around 18 hours to get a better understanding that can be proven by the certificate you will get.

Programma

The course can be divided on four parts;

(1) introduction,

(2) intermodal transport,

(3) hinterland and

(4) cases.

The first part provides a general introduction of the topics intermodal transport and hinterland.

In intermodal transport, the focus will be on different transport options and the different transport combinations which can be made, including the advantages and disadvantages. After this, particular attention will be paid to Synchro modal transport, a new way in which transport can be organized. Furthermore, the transport chain actors are discussed, including their role in the transport chain.

In the third part (hinterland) attention is paid to the role of IT in managing intermodal transport and hinterland and the costs involved in transport (both on the maritime side as the land side). Finally, the characteristics of inland ports, terminals and corridors is discussed.

Resultaat

The course outcome is about the skillset that participants will have after completing this course. In more detail, the participants will:

- Understand the concepts of intermodal transport and hinterland
- Be able to explain the characteristics of different transport modes
- Understand the difference transport combinations, including their advantages and disadvantages and when to apply them
- Be able to make an analysis of Synchro modal transport possibilities
- Explain the different transport chain actors and their roles

- Be able to make costs analysis of hinterland transport
- Understand the role of IT systems in intermodal transport and hinterland
- Explain the role of inland ports, terminals and corridors for intermodal transport
- Be able to apply components of best practices of intermodal transport & hinterland in local circumstances.

Doelgroep

The course is specially designed for people and prospective managers working or interested in the maritime, ports, transport and logistics sector:

- (Young) Professionals
- Finance, IT, paralegals, not engaged in the day to day operations
- (Junior) Managers
- Supervisors and team leaders
- Project managers

Praktische info

Entry requirements	The course is suitable for middle management/higher management and given on a Bachelor to a Master level.
Type of training	E-learning
Duration	18 hours of self-study
Language	Engels, English
Certificate	STC Next certificate

The course will be provided in the English language

Cursussen

CURSUSSEN	STARTDATUM	EINDDATUM	LOCATIE	BASISPRIJS (VANAF)
Intermodal Transport & Hinterland	31 december 2026	31 december 2026	Online	€ 395,00

(excl. btw)