



## 7 - The Role of Transportation in the Supply Chain

5 modules

### ***About this Learning Plan***

Discover how warehouses and distribution facilities interface with the transportation industry. Learn about different modes of transportation, from railroads and trucking to pipelines and air freight. Find out about how dispatch and tracking operations play a critical role in the global supply chain.

### **Role of Transportation in the Supply Chain (Part 1)**

This course will introduce you to the role of the transportation industry in the supply chain and the various modes of transportation used. It will also describe the main characteristics of road and rail transportation, including the different regulatory agencies governing road and rail transportation. In addition, it will describe the cost and pricing of shipping materials by rail. By the end of this course, you will be able to describe the role of transportation in the supply chain. You will also be able to describe current technology trends in the transportation industry. Moreover, you will also be able to identify the different types of motor carriers, their characteristics, and the regulatory agencies that govern their use. Finally, you will be able to describe the characteristics, costs, and regulatory agencies that govern rail carriers.

E-Learning - Duration: 40m

### **Role of Transportation in the Supply Chain (Part 2)**

In this course, you will learn more about goods transport by water, pipelines, and air. By the end of this course, you will be able to describe the types of water carriers and the advantages and disadvantages of using water carriers. You will understand the significance of pipelines and their advantages and disadvantages as well. Moreover, you will be able to describe the different types of air carriers and their characteristics, the major agencies that have regulatory authority over the air freight industry, and typical pricing strategies that are used by air freight companies.

E-Learning - Duration: 30m



## Warehousing and Distribution Program Learning Plans

Contribute at a higher level throughout your career as a warehousing and distribution professional.

### **Evaluation of Transportation Modes**

By the end of this course, you will be able to explain the different modes of transportation, the characteristics of each type of transportation, and their advantages and disadvantages. You will also be able to choose the best mode of shipping for a product and understand the various documents that are used for each mode of shipment.

E-Learning

Duration: 45m

### **Dispatch and Tracking Operations (Part 1)**

This course will provide an overview of dispatch and tracking operations and the ways of managing shipping routes. By the end of this course, you will be able to explain the dispatch function and how to schedule shipments and the various ways to track shipments.

E-Learning

Duration: 30m

### **Dispatch and Tracking Operations (Part 2)**

This course will discuss navigation technologies and the role of customs in international shipments. By the end of this course, you will be able to identify the different navigational technologies used in the warehousing and logistics industry. You will also be able to explain several key international trade regulations and agreements as well as describe the most important export documents used by international shippers.

E-Learning

Duration: 45m