



*Training Course:
Introduction to Road Transport Operations*

*15 - 19 December 2025
Madrid (Spain)
Pestana CR7 Gran Vía*

Training Course: Introduction to Road Transport Operations

Training Course code: SC235996 From: 15 - 19 December 2025 Venue: Madrid (Spain) - Pestana CR7 Gran Vía Training Course Fees: 6000 € Euro

Introduction

Road transport remains the most commonly used mode of transportation for both people and freight worldwide, playing a vital role in trade, commerce, and day-to-day logistics. Whether connecting rural regions to urban centers or forming the last-mile link in global supply chains, road transport operations are essential for economic development and service efficiency.

The "Introduction to Road Transport Operations" training program, developed by Global Horizon Training Center, is designed to give professionals a structured and practical overview of road transport systems and operational frameworks. It covers the key components of road transport including vehicle types, planning, regulations, safety, cost control, environmental considerations, and the integration of digital technologies.

Course Objectives

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

- Understand the structure and role of road transport in logistics and supply chains.
- Identify the types of road transport vehicles and their operational uses.
- Plan and coordinate road transport activities, routes, and schedules.
- Apply basic regulatory, safety, and compliance requirements.
- Evaluate cost-effective and environmentally friendly transport practices.
- Understand how technology enhances road transport operations.

Course Methodology

This program adopts a practice-oriented approach, combining:

- Interactive lectures with visual demonstrations and road transport simulations.
- Case studies based on real-world logistics and fleet operations.
- Group activities and role-playing around route planning and incident handling.
- Hands-on exercises including scheduling, cost estimation, and risk identification.
- Knowledge checks and discussions to reinforce applied learning.

Organizational Impact

Organizations benefit in the following ways:

- Improved operational efficiency and reliability of fleet and delivery systems.
- Stronger compliance with safety and transportation regulations.
- Reduced fuel and maintenance costs through smarter planning.
- Enhanced delivery performance and customer satisfaction.
- Improved accountability in road transport operations and driver management.
- Development of transport staff capable of managing real-world logistics challenges.

Target Audience

This course is ideal for:

- New entrants in the logistics and transport industry
- Fleet supervisors and logistics support staff
- Warehouse and distribution team members
- Transport planners and dispatchers
- Public sector officials involved in road transport policy or operations
- Administrative and coordination professionals in supply chain departments

Outlines

Day 1: Understanding Road Transport Systems

- Role of Road Transport in the Economy and Supply Chain
- Key Characteristics and Benefits of Road Transport
- Structure of Road Transport Operations public and private sectors
- Types of Road Freight and Passenger Services
- Introduction to Fleet Types and Vehicle Configurations

Day 2: Transport Planning and Scheduling

- Route Planning Basics and Use of Mapping Tools
- Time Scheduling and Load Assignment
- Trip Optimization: Reducing Empty Runs
- Vehicle Utilization and Turnaround Time Management
- Basic KPIs in Road Transport Operations

Day 3: Legal, Regulatory, and Safety Requirements

- Transport Licenses, Permits, and Driver Qualifications
- National and International Road Transport Regulations
- Traffic Safety Laws and Best Practices
- Cargo Handling, Load Securing, and Roadworthiness
- Accident Reporting and Emergency Procedures

Day 4: Cost, Maintenance, and Environmental Impact

- Fuel Management and Consumption Tracking
- Preventive Maintenance Planning and Downtime Reduction
- Cost Components of Road Transport fixed vs. variable
- Emissions and Environmental Challenges in Road Freight
- Introduction to Green Transport Practices

Day 5: Technology and Future of Road Transport

- Telematics and Fleet Tracking Systems
- Transportation Management Systems TMS
- Data Analytics in Transport Performance Monitoring
- Automation and Smart Road Vehicles

Registration form on the Training Course: Introduction to Road Transport Operations

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Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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