



TRAINING IN LOGISTICS AND INTERMODALITY





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A WORD FROM OUR DIRECTOR

Welcome to the world of the Escola Europea!

We are a training centre of a different kind with an extremely interactive and person-oriented approach; we are in pursuit of technical and humanist excellence; with a training programme that introduces the technical concepts of the logistics and port sectors to the participants using a methodology that facilitates communication and relations amongst the participants.

The Escola, founded in 2006, is still a young centre. Nevertheless, it followed a large trajectory in its lifetime and gathered diverse international experiences. Students from across Europe, Africa and America have passed through our doors. We have also participated in numerous European and Mediterranean projects – ones that have contributed to the development of intermodal transport.

What sets us apart from other training methods and centres is the combination of theory with reality. This allows the students to experience what they have learned in the classrooms. As a result, the concepts studied are retained and can immediately be put into practice once the courses finish.

Our partners, the ports and shipping lines, give us access to unrivalled training instruments: the infrastructures and technical mediums. The port communities, our collaborators, provide us with knowledge, equipment and the experiences of their services and operations. They do it to promote their own activities and to give value to the logistics-port sector, which is consistently gaining strength through three main elements: its growing economic importance, job creation and sustainability of the solutions it offers.

We have designed our courses tailoring to different levels of commitment and budgets. They range from short courses covering the essentials to longer ones onboard vessels or trains, ranging in duration from three to five days. They all share some common elements: Coherent and comprehensive programmes, well defined and up-to-date contents, well-prepared and motivated lecturers, quality learning materials and practical experiences.

Overall, they provide life-experiences that turn into long-lasting memories for all.

We have a team of professionals ready to offer you all the information you may require and look forward to welcoming you in the near future.

Sincerely,

EDUARD RODÉS
DIRECTOR

JOIN US IN THIS SEA OF KNOWLEDGE!



OUR CLASSROOMS

The classrooms of the Escola Europea - Intermodal Transport take the courses one step further by bringing the participants to the environments where short sea shipping and logistics operations take place:

- Located in the Mediterranean, the Ports of Barcelona, Rome, and Genoa are equipped with the best instruments to let the students get familiar with the logistics communities.
- The courses on board of a Ro-Pax vessel on a crossing between two main ports in the Mediterranean along some of Europe's main short sea shipping routes or on board of a train help the participants experience the operations first-hand and absorb the teachings more efficiently.
- The city where our headquarters is located, Barcelona, is more than just one city to Europe and to the Mediterranean area. It is a friendly meeting point that represents a unique way of understanding life and fraternity.

"Our classrooms belong to the Mediterranean."

JOIN US IN THIS SEA OF KNOWLEDGE!

OUR LECTURERS

- **Albert Pallarès**. Noatum Maritime
- **Alberto Camarero**. U. Politécnica de Madrid
- **Alessandro Feniello**. GNV
- **Alex Peralta**. Port de Barcelona.
- **Alfonso Santa Isabel**. TM2
- **Álvaro Rodríguez Dapena**. Puertos del Estado
- **Álvaro Sanchez**. Maersk
- **Ana Arévalo**. Port de Barcelona
- **Ana Conesa**. Tradebe Barcelona
- **Andrea Campagna**. Università degli Studi di Roma "La Sapienza"
- **Antonio Belmar**. Agentes de Navegação de Portugal (AGEPOR)
- **Antonio Vargas**. Grimaldi Lines
- **Artur Allende**. Autoterminal
- **Beatriz Cruz**. BIP
- **Bernat Baró**. Port de Barcelona
- **Bernat Baruquer**. IFS
- **Carles Mayol**. Port de Barcelona
- **Carles Rúa**. Port de Barcelona
- **Catalina Grimalt**. Port de Barcelona.
- **Chelo Otero**. PORTIC
- **Claire Perez**. Port de Barcelona
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- **Eduardo Bandeira**. Intermodal Promotion Center Portugal
- **Enric Cortada**. Port de Barcelona.
- **Enric Junyent**. TMA
- **Ernesto Romeu**. Grupo Romeu
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- **Félix González**. Port de Barcelona
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- **Francesco De Candia**. Grimaldi Lines
- **Francisco Rodriguez**. UTE SEFEMED
- **Gaëlle Cadiou**. Cluster Maritime Français
- **Giovanni Marinucci**. Ports of Rome
- **Giovanni Pirrone**. Grimaldi Terminal
- **Hans Tepper**. Alfil Logistics
- **Isabel Ramos**. Porto de Lisboa
- **Jaime Garrucho**. SETRAM
- **Jara Salor**. Martico
- **Jaume Bagot**. Port de Barcelona
- **Jaume Adrover**. Gestió i Promoció Aeroportuaria
- **Jaume Guardiola**. Cultivar
- **Javier Gallardo**. PORTIC
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- **Jorge Selma**. Lawyer
- **José Ángel Méndez**. LOGIRAIL
- **José Antonio Sebastián**. Go Transport
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- **Marta Miquel**. Escola Europea
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- **Miguel Asin**. Tmz
- **Miguel de Sanjuan**. Viia
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- **Nathalie Thomas**. Port de Barcelona
- **Pablo Auger**. IFS International Forwarding
- **Paco Ramos**. Sarrió Asociados
- **Pau Capmany**. STEF
- **Pau Morales**. Port de Tarragona
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- **Quim Compte**. Port de Barcelona
- **Ramón Adé**. Tmz
- **Ramón Rull**. Port de Barcelona
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- **Raquel Nunes**. Escola Europea
- **Rebecca Descarrega**. BASF
- **Rosa Romero**. FF-lawyers
- **Roser Ribó**. Port de Barcelona.
- **Santi López**. Barcelona Depot
- **Sandra Esteban**. APM Terminals
- **Serafín Blázquez**. Global Ports Holding
- **Silvio Ferrando**. Ports of Genoa
- **Silvia Pueyo**. Globelink Uniexco
- **Vanessa Bexiga**. Escola Europea
- **Xavier Lluch**. Escola Europea

TRAINING & VALUES

IMAGINATIO

DIALOGUS

LIBERTAS

OPUS

FIDES

SAPIENTIA

OUR COURSES



In collaboration with the Port of Barcelona and its port community actors, we offer a visit to the Port of Barcelona and its surroundings. In this course you can observe the operations, traffic, infrastructures and operators based in the port first-hand through a guided maritime tour and inland visits to maritime terminals.

Moreover, you have the option to complement the visits with lectures covering key concepts in transport, logistics and international trade.

LANGUAGES

English
Catalan
French
Spanish
Other (contact us)

LOCATION

Barcelona

DURATION

Between one hour and a full day, depending on the format you choose: contact us.

VISIT TO THE PORT OF BARCELONA: OPERATIONS AND INFRASTRUCTURES

Objectives

- To offer a complete view of port facilities and operations from a maritime and/or inland perspective.
- To present key theoretical concepts of the current trends in transport, logistics, and international business worldwide.

VISIT TO THE PORT OF BARCELONA: OPERATIONS AND INFRASTRUCTURES

Each group can tailor its visit to the Port of Barcelona with the most suitable workshops and lectures:



MARITIME WORKSHOP

Option #1

1 hour maritime visit to the Port of Barcelona

Price: 650€/group*

Option #2

1.5 hour maritime visit to the Port of Barcelona
(extended version)

Price: 900€/group*

INLAND WORKSHOP

- Visit to an intermodal terminal: Can Tunis or Morrot
- Visit to a container terminal: BEST or APM
- Visit to a vehicle terminal: Autoterminal or SETRAM
- Visit to the Logistics Activities Zone - ZAL (Zona de Actividades Logísticas)

Price: 1.700€/group of 20 people for the 4 visits (5 hours including bus transfers and a break)

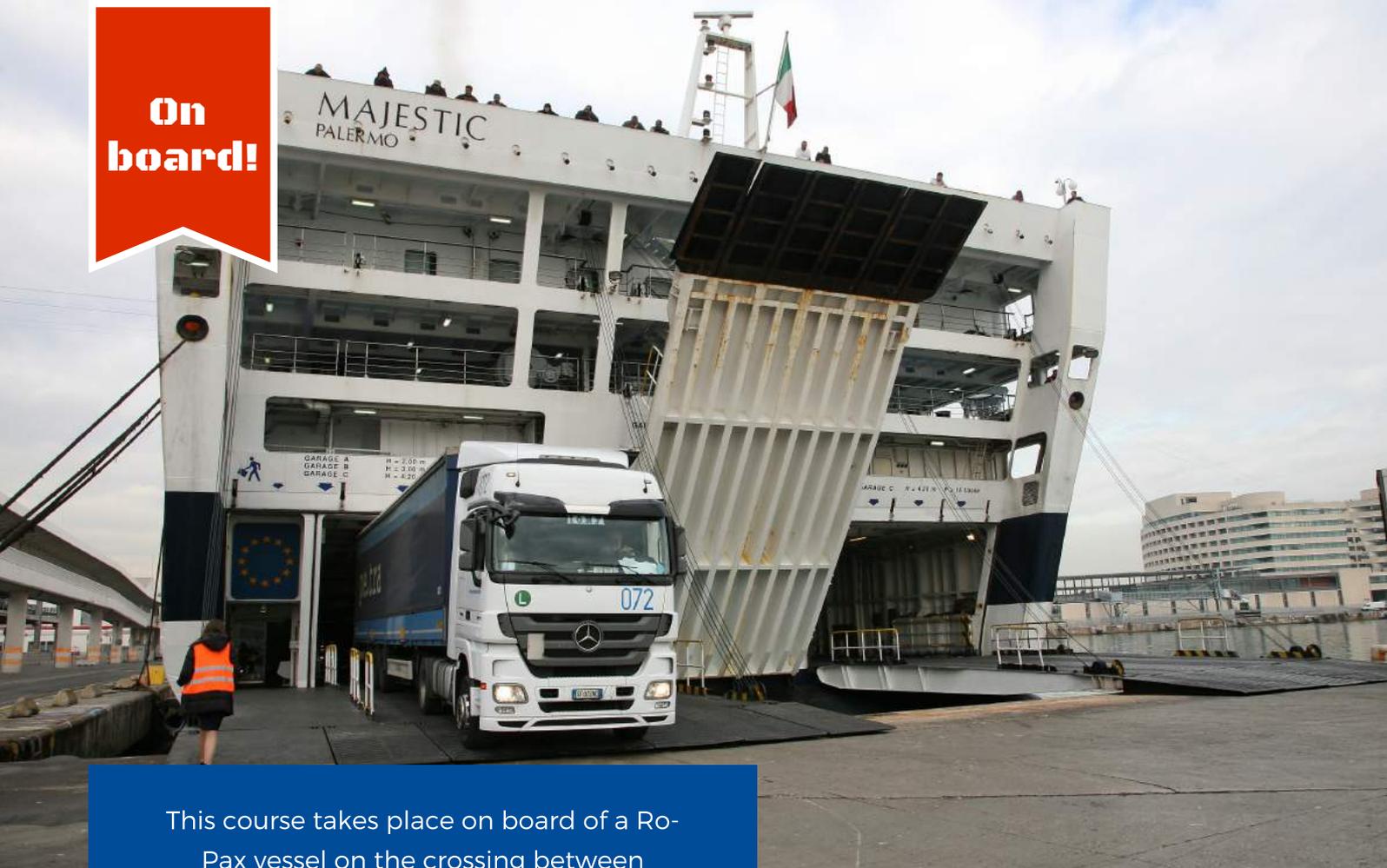


LECTURES

- The port: the primary modal interchange hub
- Introduction to intermodal logistics
- Logistics and the environment: energy efficiency
- The Trans-European Transport Network (TEN-T)

Price: 150€/ group* for 1 hour lecture

**On
board!**



This course takes place on board of a Ro-Pax vessel on the crossing between Barcelona and Civitavecchia (Rome). During the trip, participants will attend lectures, workshops and work on a case study in groups. Additionally this course includes a guided tour and some free time to enjoy the city of Rome.

PARTICIPANT PROFILE

Professionals dedicated to the maritime transport of freight and logistics and transport students.

LOCATION

Barcelona - Civitavecchia - Barcelona

DURATION

4 days

INCLUDED

- Accommodation & meals on board
- Guided visit to Rome
- Training materials
- Diploma

MOST MANAGEMENT

Course Objectives

- To provide training in intermodal logistics, short sea shipping services and the motorways of the sea.
- To get to know the benefits and calculate the savings to be gained from the use of the motorways of the sea, in terms of costs, the environment and risks.

m  **st**
Motorways Of the Sea Training

This course, based on an experiential learning method, combines:



Lectures



Visits



Networking



Navigation

WORKSHOPS

01

Visit to the Port of Barcelona

03

Organization and operations of a Ro-Pax vessel:

- Stowing operations
- The bridge

02

Management of SSS terminals and ship loading operations

04

Case Study

- Cost calculation
- External marginal cost calculation

LECTURES

- Integration of the Motorways of the Sea in intermodal logistics chains
- Port terminal management
- Logistics and environment: energy efficiency
- Ports and shipping lines services
- Competitive analysis: types of operations and comparison of costs between different means of transport
- Innovation in transport





In this course participants gain a complete view of port-rail operations and terminals in ports connected by the railway. Highly experienced professionals explain first-hand how operations are organised, managed and developed in such logistics infrastructures.

PARTICIPANT PROFILE

Professionals dedicated to the management of freight transport, logistics and international trade and students of logistics and transport.

LOCATION

Barcelona

DURATION

3 days

INCLUDED

- Training materials
- Diploma

SURCO OPERATIONS I

Course Objectives

- To analyse the different elements that must be combined for the provision of port-rail services.
- To provide the necessary training and information to those who will decide and manage logistics chains in which the railway can be a profitable alternative in terms of services, cost or time.
- To learn about the infrastructures and equipment necessary for the use of the railway.

This course, based on an experiential learning method, combines:

WORKSHOPS

- 01**

Visit to the traffic control center of ADIF
- 02**

Visit to a container terminal
- 03**

Visit to an intermodal terminal
- 04**

Visit to a vehicles terminal
- 05**

Visit to a bulk terminal

LECTURES

- Current maritime-railway situation in Spanish ports:
 - Maritime-railway infrastructures
 - Technical characteristics of the railway freight network
 - Railway freight terminals
 - Railway accesses to ports
 - Interior railway network and its intersection in the service area
- Key elements of rail transport
- Contracting of railway services
- Case study presentation and discussion
- The Port of Barcelona: a commitment to intermodality
- PORTICrail: strategic infrastructure
- Successful case study: Transportes Tomás





In this course participants gain a complete view of national and international railway connections. Highly experienced professionals explain first-hand how operations are organised, managed and developed in such logistics infrastructures.

PARTICIPANT PROFILE

It is necessary to have completed the SURCO Operations I course or to have some previous knowledge of: logistics and railways actors and railway infrastructure and equipment.

LOCATION

Barcelona, with visits to facilities in Zaragoza and in Perpignan (France)

DURATION

5 days

INCLUDED

- Training materials
- Book: Rail Freight Transport
- Diploma
- Transfers to Zaragoza and Perpignan

SURCO OPERATIONS II

Course Objectives

- To analyse the different elements that are necessary to contract rail transport and its associated costs.
- To know the infrastructures and intermodal equipment that allow for the use of rail transport as part of the multimodal transport chain.
- To promote the use of rail transport by disseminating its characteristics and particularities.

This course, based on an experiential learning method, combines:

WORKSHOPS

- 01

Visit to the traffic control center of ADIF - Zaragoza
- 02

Visit to Terminal Marítima de Zaragoza (TmZ)
- 03

Visit to the Portbou rail terminal
- 04

Visit to the Lorry Rail terminal in Le Boulou (VIIA)
- 05

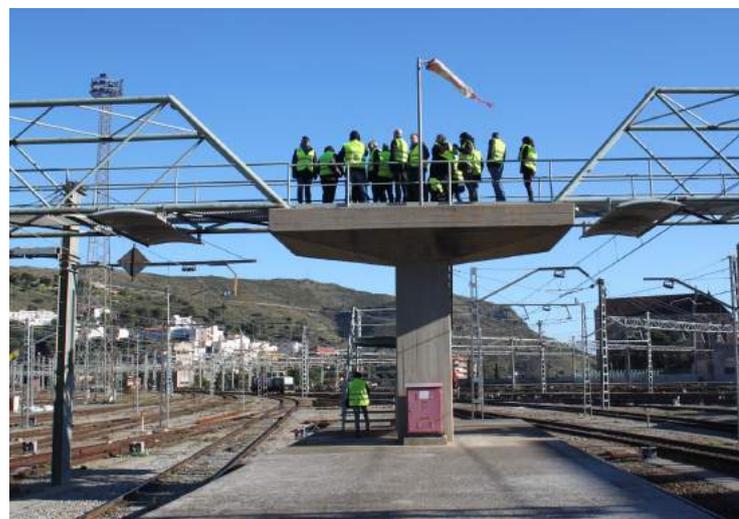
Visit to Linea Figueres Perpignan (LFP)
- 06

Visit to Morrot rail terminal
- 07

Case Study
- Train configuration and network characteristics

LECTURES

- Railway management and operations
- Legislation applicable in Spain. Law of the railway sector, regulation and liberalization
- Rail transport: context, evolution, European policy and the TEN-T
- Transport & environment & EMC calculations
- Railport-transport: tmZ as a bet for the future
- Contracting and international rail transport
- Intermodal systems
- Management of railway terminals and services
- Analysis of transport costs
- International rail freight services





International cruise tourism is the sector that has achieved the greatest progressive growth in recent decades. Nowadays, this globally positioned sector, faces new challenges that tackle the needs of the clients and the environment in which it operates.

PARTICIPANT PROFILE

- Professionals and students of tourism and hospitality
- Professionals interested in cruise operations and passenger logistics
- Professionals involved in terminal operations and Port Authorities administration.
- Workers from tour agencies and tourism bureaus.

LOCATION

Barcelona

DURATION

3 days

INCLUDED

- Training materials
- Diploma
- Meals

PORTS & PASSENGERS

Course Objectives

- To explain concisely of the current cruise industry and its context including: trends, statistics, relocations and targets
- To provide training on ground handling and transit operations at the port
- To visit port facilities and show port operations in detail and from a practical perspective
- To discover future tendencies and new technologies in ship cruises and terminals
- To learn and put into practice cruise commercialization and services
- To analyse how the cruise industry is facing the environmental challenges, sustainability actions and social responsibility

This course, based on an experiential learning method, combines:

WORKSHOPS

01

Visit to a Ro-Pax Terminal

02

Visit to a Ro-Pax vessel

03

Excursion tour planning workshop

04

Case Study
- Commercial Cruise
Advisor Case

LECTURES

- Cruise shipping lines and operations
- Home port for cruise ships
- Tour operator and customer experience
- Tour operator for ferry routes
- Crew: Work on board
- Global industry: trends, statistics, relocation, targets
- Social responsibility and sustainability
- Passenger operations: transit and turn around
- Ports and terminals: logistic operations, services and strategies
- Cruise technologies, the key to improve passenger experience





The success of industries that depend on the cold chain comes down to knowing how to ship a product with temperatures adapted to the shipping circumstances.

Moving a shipment across the supply chain without suffering any setbacks or temperature anomalies requires the establishment of a comprehensive logistical process to maintain product integrity.

PARTICIPANT PROFILE

Professionals dedicated to the transport, manufacturing, exporting and distribution of temperature controlled freight/perishable products and logistics and transport students.

LOCATION

Barcelona

DURATION

4 days

INCLUDED

- Training materials
- Diploma

TEMPERATURE CONTROLLED SUPPLY CHAINS

Course Objectives

- To understand what are the best practices for planning and execution at every stage of the temperature controlled supply chain, and specifically those using intermodal transport solutions.
- To raise awareness on how temperature controlled products should be distributed throughout the distribution network as per specified temperature conditions.

TEMPERATURE CONTROLLED SUPPLY CHAINS

This course, based on an experiential learning method, combines:

WORKSHOPS

01

Visit to a container terminal

02

Visit to a container depot

03

Visit to the central food market

04

Visit to a cold service operator

05

Visit to the warehouse facilities of an importer/distributor

06

Visit to the Border Inspection Post (BIP)

LECTURES

- Temperature Controlled Transport – What are the options?
- Connection systems with Ro-Ro vessels – Motorways of the Sea
- "Canal de Frío" – railway connections
- Best practices on reefer equipment preparation
- Port facilities for controlled temperature equipment
- "Logística del Frío"- Warehousing, cross-docking, manipulation management
- Temperature controlled supply chain management for pharmaceuticals
- Intermodality for international temperature controlled cargo
- Reefer containers services & documentation
- Insurance and claims





Today, consolidation and groupage are essential elements in effective supply chains. Through this course you will get to know how groupage works and discover its actors, market segmentation and trends. Participants will learn how to hire and manage door-to-door groupage operations and visit service providers on the ground.

PARTICIPANT PROFILE

Professionals dedicated to the transport of freight and logistics, freight forwarders, shippers and transport students.

LOCATION

Barcelona

DURATION

3 days

INCLUDED

- Training materials
- Diploma

GROUPAGE & CONSOLIDATION CENTRES

Course Objectives

- To provide training in groupage and consolidation operations.
- To show groupage operations, infrastructures and equipment in detail and from a practical perspective.
- To offer deep insights into road, maritime and air logistics, and specifically for groupage, its actors, roles, market segmentation and trends.

GROUPAGE & CONSOLIDATION CENTRES

This course, based on an experiential learning method, combines:

WORKSHOPS

01

Visit to a NVOCC

02

Visit to a container terminal

03

Visit to an industrial packaging manufacturer

LECTURES

- Intermodal Groupage:
 - History
 - NVOCC
 - Tendencies
 - Benefits (cost and environment)
 - National and international groupage
- Consolidation Centres:
 - Supply chain
 - Infrastructures, warehouses & equipment
- Groupage handling
- Regulations, documentation and procedures
- Management of a container terminal
- Insurance and risk management
- Road transportation:
 - Development of new routes
 - Added value
- Import-export procedures
- Customs procedures: import-export (FCL-LCL)





Port operations are necessary to facilitate maritime trade between trading partners. It is pivotal to ensure that the operations are smooth and avoid congestion in the harbour. Port operations can be defined as all policies, reforms and regulations that influence the infrastructure and operations of port facilities.

PARTICIPANT PROFILE

- Students of port management, nautical and maritime transport, transport management and logistics
- Early or mid-career ship and port agents wishing to expand their knowledge
- Shipping company personnel wishing to understand the work of the agent
- Port terminal personnel wishing to understand how port operations and services work

LOCATION

Barcelona

DURATION

5 days (8h to 14h)

PORT OPERATIONS: VESSELS

Course Objectives

- To provide training in port operations for vessels.
- To show port operations and port facilities in detail and from a practical perspective.
- To offer deep insight into maritime logistics, its actors and roles.

Recommended previous knowledge:

Basic knowledge of maritime transport

PORT OPERATIONS: VESSELS

This course, based on an experiential learning method, combines:

WORKSHOPS

01

Visit to the Port of Barcelona

02

Visit to a tugboat operator

03

Visit to a mooring operator

04

Visit to the Pilots Corporation

05

Visit to Port VTS Barcelona Port Control

06

Visit to MARPOL facilities

07

Visit to bunkering services

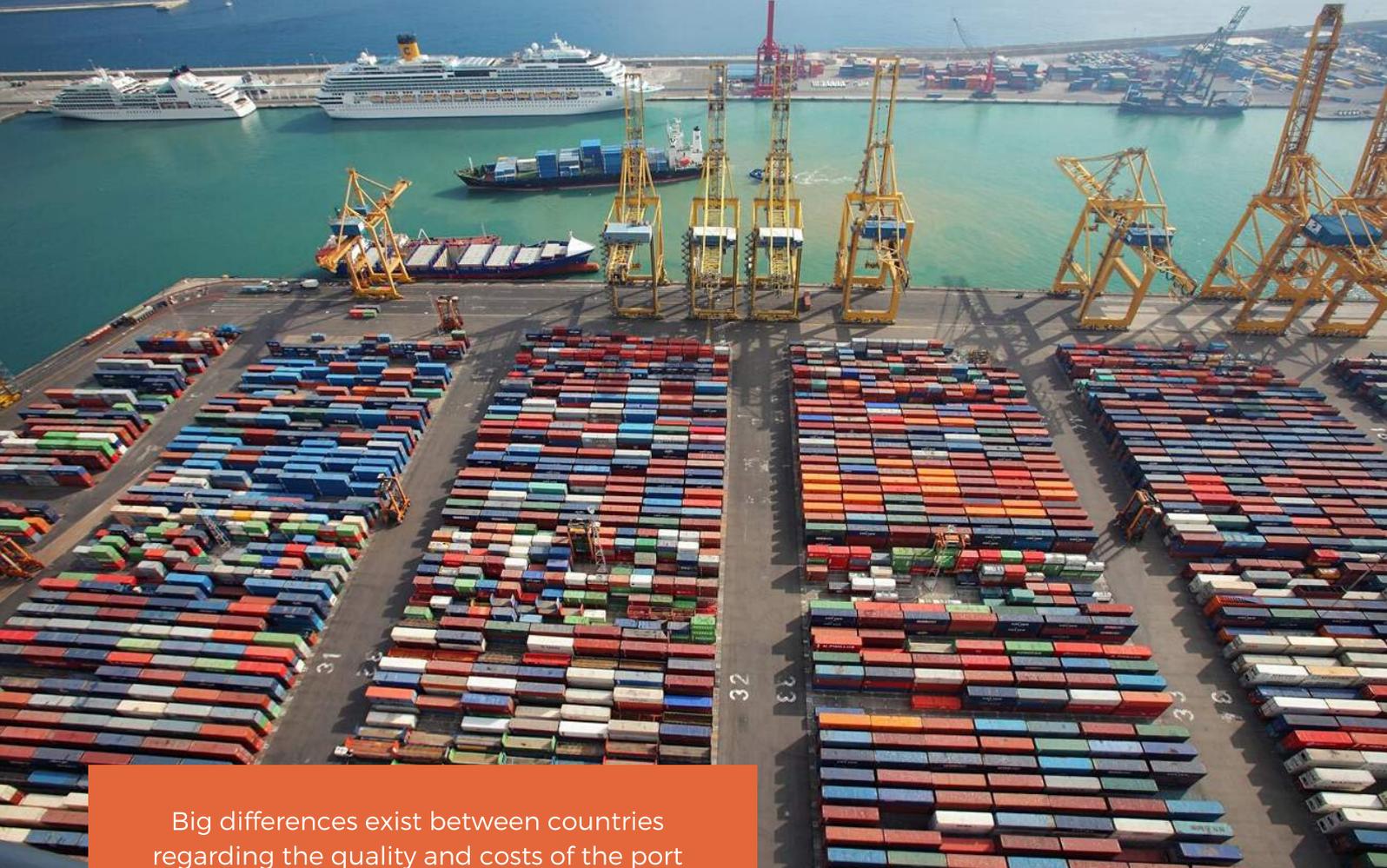
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Visit to the Harbour Master/ Maritime rescue

LECTURES

- The port community and port operations: terminals, cargoes and agents
- Vessels, services and actors in the port
- Aids to navigation - System of supervision and control of the navigation aids of the Port of Barcelona
- Environmental management of the port area
- Industrial security
- ISPS code
- Efficiency network: quality plan for vessels
- Suppliers (food, working materials,...)
- PORTIC: Call request, customs & documentation
- The port of the future





Big differences exist between countries regarding the quality and costs of the port and shipping services available to their importers and exporters (e.g. in terms of towage operations, mooring, etc.). The existing infrastructures and connectivity of the port are also of major importance for traders when choosing to bring their goods to their destinations.

PARTICIPANT PROFILE

- Students of port management, nautical and maritime transport, transport management and logistics
- Early or mid-career ship and port agents wishing to expand their knowledge
- Shipping company personnel wishing to understand the work of the agent
- Port terminal personnel wishing to understand how port operations and services work

LOCATION

Barcelona

DURATION

5 days (8h to 14h, mornings)

PORT OPERATIONS: GOODS

Course Objectives

- To provide training in port operations for goods.
- To show port operations and port facilities in detail and from a practical perspective.
- To offer deep insight to types of terminals, cargo particularities and cargo inspections.

Recommended previous knowledge:

Basic knowledge of maritime transport

This course, based on an experiential learning method, combines:

WORKSHOPS

01

Visit to the Border Inspection Post (BIP)

02

Visit to the scanner facilities

03

Visit to a multipurpose terminal

04

Visit to a container terminal

05

Visit to a vehicles terminal

06

Visit to a chemical liquid bulk terminal

07

Visit to a solid bulk cargo terminal

LECTURES

- Introduction: cargoes and their particularities
- Port security: areas division, regulations and planning
- Maritime insurances
- Infrastructure and functions of the Border Inspection Post
- Customs regulations
- Quality TEAM (EQ: containers, vehicles & other goods)
- Risk management: dangerous goods and emergencies
- Passenger services / loading and unloading of vehicles
- Land services to the merchandise: rail/ road transport





The Escola Europea provides a great variety of lectures and visits which can be combined to create your own tailor-made training.

GENERAL TOPICS:

- Maritime Transport and Logistics
- Short Sea Shipping and the Motorways of the Sea
- Intermodal Transport
- International Trade: Import / Export
- Railway Logistics
- Quality Elements of Logistics
- Port Operations and Terminal Management
- Port Strategy
- Occupational Risk Prevention
- E-Freight

Design your own experience!

For more information: contact us

TAILOR-MADE COURSES

The Escola offers the possibility to design a course according to the needs of each company or training centre.

The training can be held in Barcelona or on board of a vessel while visiting another port of the Mediterranean.

During the course, complementary activities such as networking or team-building among the participants can be organised by the company or the training centre to further enrich the experience.

ACADEMIC PARTNERS



Puertos del Estado



ASSOCIATIONS





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