

## LOGISTICS, SUPPLY CHAIN & MARITIME BUSINESS

### 35013 - PORT POLICY AND MANAGEMENT

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#### General information

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- Academic year 2023/24
- Course: First
- Trimester: First
- Number of credits: 3
- Teachers:
  - Rosana Salama Benazar <[rsalama@tecnocampus.cat](mailto:rsalama@tecnocampus.cat)>
  - Sergi Sauri Marchán <[ssauri@tecnocampus.cat](mailto:ssauri@tecnocampus.cat)>

#### Teaching languages

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- Spanish
- English

#### Presentation of the subject

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Ports play an essential role in the logistics chain and supply chain management. In the beginning they were seen only as a ship-to-land connection, but today they are part of the economic, social and environmental areas of a country. At ports, different actors and authorities, both private and public, are involved, so these actors will be seen in this course, as well as the port management models, the different types of ports and cases that could arise, regarding cargoes, ship or staff, in order to solve them.

#### Competences/learning outcomes

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##### Basic

- CB7 How to apply the knowledge acquired and the ability to solve problems in new or little-known environments within broader (or multidisciplinary) contexts related to the area of study.
- CB8 - That students be able to integrate knowledge and confront the complexity of formulating judgments based on information that, being incomplete or limited, includes reflections on the social and ethical responsibilities linked to the application of their knowledge the judgments
- CB9 How to communicate the conclusions and the knowledge and ultimate reasons that support the students to specialized and non-specialized audiences in a clear and unambiguous way

##### Specific

- CE1. Show autonomy with critical distance in issues or issues related to the maritime business, logistics and the supply chain and in the application of innovative ideas in these fields.
- CE2. Application of tools and methodologies that facilitate creative and innovative thinking in everyday situations linked in the supply chain environment, logistics, and maritime businesses.
- CE10. Manage maritime business projects by adopting innovative and creative ideas and with respect for the environment
- CE9. Develop the ability to lead the continuous improvement approach in all areas of logistics and port management and management and contribute to the motivation and awareness of all the organization's staff.

## Transversal

- CT3. Develop tasks by applying the acquired knowledge with flexibility and creativity and adapting them to new contexts and situations.

No data

## Contents

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**Topic 1.** Dr. Rosana Salama. Concepts and Generalities - Authorities and functions. Port. Type of ports by geographical location and type of operations. Evolution of ports. Increase in ship size and implications.

Governance concept. Port authorities in different countries and in Spain.

Objectives and functions of the Port Authorities.

**Topic 2.** Dr. Rosana Salama. Management of different port services:

Port Security; Statutory bodies. Port Operations and Services (Cluster/Community). Services to the ship, merchandise, passengers and general services.

**Topic 3.** Dr. Rosana Salama. Maritime - Port and Cargo Operations. Port Models, Landbridges and Environments.

Loading operations according to the type of merchandise. Port Management Models – Private, Landlord, Toolport, Service Port (or Comprehensive-Port). Competition and competitiveness. Landbridges. Port environments (Humland, Hinterland, Vorland). Factors for port competition and quality of ports. a port: Advantages and problems of privatization.

**Topic 4.** Dr. Rosana Salama. Technology and terminology ship - port

Loading and unloading equipment. Port news. Importance of deposits.

Documentation to be presented at Ports. Some Port Surcharges. Some Equipment and Terms related to the Port.

**Topic 5.** Dr. Sergi Saurí. Port concessions;

5.1 The role of private capital in ports; 5.2. The concession model; 5.3. Container port terminals. Microeconomics; 5.4. PPP-related inefficiencies; 5.5. Examples of some Spanish terminals.

**Topic 6.** Dr. Sergi Saurí. Port terminal operators

6.1 Container terminals; 6.2 Ro-Pax Terminals

## Sustainable Development Goals

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- 13 - Climate action
- 14 - Life below water
- 08 - Decent work and economic growth
- 04 - Quality education
- 09 - Industry, innovation and infrastructure

## Evaluation system

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### EVALUATION PLAN

#### **PART 1 (50% of the total punctuation)**

Continuous Assessment 50%

Examn Part 1 50%

#### **PART 2 (50% of the total punctuation)**

Continuous Assessment 50%

Examn Part 2 50%