

LOGISTICS, SUPPLY CHAIN & MARITIME BUSINESS

35015 - DIRECCIÓN DE TRANSPORTE MARÍTIMO

General information

- Academic year 2023/24
- Course: First
- Trimester: Second
- Number of credits: 3
- Teachers:
 - Rosana Salama Benazar <rsalama@tecnocampus.cat>
 - Pau Morales Fusco <pmorales@tecnocampus.cat>

Teaching languages

- Spanish

There may be information in English

Presentation of the subject

The subject of Maritime Transport allows: Knowing the actors that participate in the activity of transport by water and the geopolitical factors that can influence this type of transport; Make decisions related to the most effective and efficient way of transporting merchandise by sea, optimizing the use of this mode of transport along with other modes to move merchandise not only from Port to Port, but from Door to Door; Plan the maritime transport of merchandise combining it with other modes of transport (integrated transport) according to international conditions and laws.

In addition, it offers tools to strategically manage maritime transport based on the different types of cargo and port conditions at origin and destination.

Also, teach how to estimate and calculate the costs of docking the ship and other port charges.

Competences/learning outcomes

Basic

- 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

Transversal

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

No data

Contents

Topic 1: Dra. Rosana Salama Benazar- Transportation Management: Key Business Processes Actors, elements, and structure of maritime transport

1. Actors: The Loader (shipper or Shipper) and the charterer; the Hauler; the Forwarding; the Customs Representative (formerly Customs Broker); the docker; Port; the Port Terminal; the Logistics Platforms (Dry Port, Integrated Merchandise Center (CIM) and Logistics Activities Zone (ZAL)); the Ship the Maritime Carrier (Carrier / Carrier), NVOCC; the Receiver of the Merchandise or Consignee (Consignee);
2. Elements: The Ship (essential parts, classification); Cargo (types of cargo, packaging); Containers (types, measures);
3. Structure (documentary supports): The Contract of Lease (lease and transport contract): bareboat charter, time charter and voyage charter.
4. Elements of the Contract of Transport: Personal elements (charterer, charterer, captain): Real elements (the ship and the cargo); Formal Elements (the Charter /Institutions Policy of the maritime world).

Topic 2: Dra. Rosana Salama Benazar- Geopolitics and Maritime Transport Policy/ Symbolic and real emergence of Geopolitics

1. Global Space Configuration
2. Shock and unification of political forces / their effects
3. Geopolitics in Maritime Transport: shipping routes
4. Maritime Transport Policies: Alliances, Mergers, Acquisitions, Maritime Conferences

Topic 3: Dra. Rosana Salama Benazar - International Transportation and Integrated Transportation Chains

1. Modes of Transportation
2. Road Transport
3. Rail transport
4. Air Transport
5. Maritime Transport
6. Integrated Transport: Segmented, Combined, Multimodal

Topic 4: Dr. Pau Morales Fusco - Transportation planning and optimization

1. Cost of the sea section, (scale accounts, fees, rates and bonuses, European context and Spanish port system)
2. Times, reliability, frequency vs Transit Time and economies of scale, delays
3. Capillarity of the route (dry ports, intermodality, hinterland of ports)
4. Additional factors (equipment positioning, traffic, compatible and empty laps, transshipment, feeder, cabotage limitations)
5. Environmental aspects, approach to the carbon footprint

Topic 5: Dr. Pau Morales Fusco - Execution of transport, subcontracting, tender

1. The documentary flow in the maritime transport, controls and physical inspections, customs, pre customs and other controls.
2. Recruitment according to tenders vs specific transport contracts. Frequent clauses and consideration factors.

Topic 6: Dr. Pau Morales Fusco - Management skills in maritime transport

1. Commercial (partners and real bargaining power)
2. Analysis of alternative
3. Professional profiles in the maritime business

Sustainable Development Goals

- 13 - Climate action
- 14 - Life below water
- 08 - Decent work and economic growth
- 01 - No poverty
- 04 - Quality education
- 09 - Industry, innovation and infrastructure

Evaluation system

EVALUATION	
MODULE 1 Prof. R. Salama	50%

Continuous Evaluation	Questionnaires or exercises	50% del 50%
Final Exam	Exam	50% del 50%
MODULE 2 Prof. P. Morales		50%
Continuous Evaluation	Questionnaires or exercises	50% del 50%
Final Exam	Examen	50% del 50%