280712 - Management of Port Terminals

Coordinating unit: 280 - FNB - Barcelona School of Nautical Studies
Teaching unit: 742 - CEN - Department of Nautical Sciences and Engineering
Academic year: 2019
Degree: MASTER’S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT MANAGEMENT (Syllabus 2016). (Teaching unit Compulsory)
MASTER’S DEGREE IN NAVAL AND OCEAN ENGINEERING (Syllabus 2017). (Teaching unit Optional)
ECTS credits: 5
Teaching languages: Spanish

Teaching staff
Coordinator: JOSE MANUEL VALLELLANO GARCÍA

Learning objectives of the subject
- The functions of the Terminal within the global supply chain and international trade
- The role and functions of the manager in the successful and efficient operation of cargo and passenger terminals
- Understanding terminal types, configuration and operations
- How terminals are structured and their relationship to ocean carriers, trucking companies, the port and custom authorities and cargo owners.
- How terminals generate revenue
- Technology and its effect on efficiency
- The importance of labor relations with workers and the role of stevedors
- Regulatory and environmental issues related to terminal operations

Study load

| Total learning time: 45h | Hours large group: | 45h | 100.00% |
## Content

### Chapter 1: Types of port terminals: container, ro-ro passenger, gas, chemical, drybulk, monobuoys

**Learning time:** 17h  
Theory classes: 4h  
Practical classes: 2h  
Guided activities: 1h  
Self study: 10h

**Description:**  

### Chapter 2: Rules and laws of maritime terminals

**Learning time:** 17h  
Theory classes: 4h 30m  
Practical classes: 1h 30m  
Guided activities: 1h  
Self study: 10h

**Description:**  

### Chapter 3: Terminal operation

**Learning time:** 17h  
Theory classes: 4h 30m  
Practical classes: 1h 30m  
Guided activities: 1h  
Self study: 10h

**Description:**  
Chapter 4: Terminal managing

Learning time: 17h
- Theory classes: 4h 30m
- Practical classes: 1h 30m
- Guided activities: 1h
- Self study: 10h

Description:

Chapter 5: Multimodal Terminal

Learning time: 14h
- Theory classes: 1h 30m
- Practical classes: 1h
- Guided activities: 1h 30m
- Self study: 10h

Description:

Chapter 6: Law rules and docker teams

Learning time: 14h
- Theory classes: 1h
- Practical classes: 1h 30m
- Guided activities: 1h 30m
- Self study: 10h

Description:
280712 - Management of Port Terminals

**Chapter 7: The container depot: types of dry containers, reefer and isotank**

**Learning time:** 14h
- Theory classes: 1h
- Practical classes: 1h 30m
- Guided activities: 1h 30m
- Self study: 10h

**Description:**
REEFER equipment cleaning, pre-trip, repair. THE tank or ISO-Tank.

**Chapter 8: Tarifes i taxes portuàries: T0, T1, T2, T3, L7 ...**

**Learning time:** 15h
- Theory classes: 2h
- Practical classes: 1h 30m
- Guided activities: 1h 30m
- Self study: 10h

**Description:**
Analysis of the Consolidated Law on Ports RDL 02/2011, the administrative concession of the Port Authority and the cost of port marine space, concession and private terminals.

**Bibliography**

**Basic:**


**Complementary:**


**Others resources:**