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: 2018
Degree: MASTER'S DEGREE IN NAUTICAL SCIENCE AND MARITIME TRANSPORT MANAGEMENT (Syllabus 2016). (Teaching unit Compulsory)
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% |
# 280712 - Management of Port Terminals

## Content

<table>
<thead>
<tr>
<th>Chapter 1: Types of port terminals: container, ro-ro passenger, gas, chemical, drybulk, monobuoys</th>
<th>Learning time: 17h</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td><strong>Theory classes:</strong> 4h 30m  <strong>Practical classes:</strong> 1h 30m  <strong>Guided activities:</strong> 1h  <strong>Self study:</strong> 10h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 2: Rules and laws of maritime terminals</th>
<th>Learning time: 17h</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td><strong>Theory classes:</strong> 4h 30m  <strong>Practical classes:</strong> 1h 30m  <strong>Guided activities:</strong> 1h  <strong>Self study:</strong> 10h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chapter 3: Terminal operation</th>
<th>Learning time: 17h</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td><strong>Theory classes:</strong> 4h 30m  <strong>Practical classes:</strong> 1h 30m  <strong>Guided activities:</strong> 1h  <strong>Self study:</strong> 10h</td>
</tr>
</tbody>
</table>
# 280712 - Management of Port Terminals

## 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

### Bibliography

#### Basic:


#### Complementary:


#### Others resources:

<table>
<thead>
<tr>
<th>Chapter 7: The container depot: types of dry containers, reefer and isotank</th>
<th>Learning time: 14h</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td></td>
</tr>
</tbody>
</table>
Practical classes: 1h 30m 
Guided activities: 1h 30m 
Self study : 10h |

<table>
<thead>
<tr>
<th>Chapter 8: Tarifes i taxes portuàries: T0, T1, T2, T3, L7 ...</th>
<th>Learning time: 15h</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td></td>
</tr>
</tbody>
</table>
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. | Theory classes: 2h 
Practical classes: 1h 30m 
Guided activities: 1h 30m 
Self study : 10h |