250ST2023 - Port Management and Maritime Transport

Coordinating unit: 240 - ETSEIB - Barcelona School of Industrial Engineering
Teaching unit: 751 - DECA - Department of Civil and Environmental Engineering
Academic year: 2019
Degree: MASTER'S DEGREE IN INDUSTRIAL ENGINEERING (Syllabus 2014). (Teaching unit Optional)
MASTER'S DEGREE IN SUPPLY CHAIN, TRANSPORT AND MOBILITY MANAGEMENT (Syllabus 2014). (Teaching unit Optional)
ECTS credits: 5  
Teaching languages: English

Teaching staff

Coordinator: MANEL GRIFOLL

Learning objectives of the subject

Study load

<table>
<thead>
<tr>
<th>Total learning time: 125h</th>
<th>Hours large group: 30h</th>
<th>24.00%</th>
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<tbody>
<tr>
<td></td>
<td>Hours small group: 15h</td>
<td>12.00%</td>
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<tr>
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<td>Self study: 80h</td>
<td>64.00%</td>
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### INTRODUCTION

**Degree competences to which the content contributes:**

**Description:**
Globalization and Internationalization of economy. Main stakeholders of the port and shipping sector

### BLOCK I. MARITIME TRANSPORT

**Learning time:** 12h  
**Practical classes:** 12h

**Description:**
- Short Sea Shipping.
- Main trends and drivers in the shipping sector.

### BLOCK II. PORT MANAGEMENT

**Learning time:** 14h  
**Practical classes:** 14h

**Description:**
- Ports in the international trade. Evolution. Gateway port. Port regions.
- Principal port processes and stakeholders.
- Port planning. Strategic plans. Analysis of the port demand.
- European Port Policy
- Cases of study.

### BLOCK III. OPERATIONS OF THE PORT TERMINALS

**Learning time:** 17h  
**Practical classes:** 17h

**Description:**
- Introduction. Topology of terminals and the systemic approach
- Terminals economics. Financing and regulation. Concessions

Assignments
CONCLUSIONS

Learning time: 2h
Practical classes: 2h

Description:
content english

Qualification system

Score = 0.7E+0.3T, where E is the final exam and T the assignments

Bibliography

Basic:

