280669 - Structures for Naval Engineering

**Coordinating unit:** 280 - FNB - Barcelona School of Nautical Studies  
**Teaching unit:** 742 - CEN - Department of Nautical Sciences and Engineering  
**Academic year:** 2017  
**Degree:** BACHELOR'S DEGREE IN MARINE TECHNOLOGIES/BACHELOR'S DEGREE IN NAVAL SYSTEMS AND TECHNOLOGY ENGINEERING (Syllabus 2016). (Teaching unit Compulsory)  
BACHELOR'S DEGREE IN NAVAL SYSTEMS AND TECHNOLOGY ENGINEERING (Syllabus 2010). (Teaching unit Compulsory)  
**ECTS credits:** 6  
**Teaching languages:** Spanish

**Teaching staff**

**Coordinator:** FRANCISCO DANIEL YEBRA FOLGUERAL  
**Others:** JAVIER MARTINEZ GARCIA - 1  
FRANCISCO DANIEL YEBRA FOLGUERAL - 1

**Degree competences to which the subject contributes**

**Specific:**
3. Ability to perform the calculation and control of vibration and noise on board ships and artifacts.
4. Knowledge of the elasticity and strength of materials and ability to perform calculations of elements for various solicitations.

**Generical:**
1. ABILITY TO IDENTIFY AND SOLVE PROBLEMS IN THE FIELD OF NAVAL ENGINEERING.
Ability to approach and solve problems in the field of naval engineering technique taking initiatives, making decisions and implementing creative solutions as part of a systematic methodology.

**Teaching methodology**

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**Learning objectives of the subject**

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**Study load**

<table>
<thead>
<tr>
<th>Total learning time: 150h</th>
<th>Hours large group: 24h</th>
<th>16.00%</th>
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<tbody>
<tr>
<td></td>
<td>Hours medium group: 36h</td>
<td>24.00%</td>
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<tr>
<td></td>
<td>Hours small group: 0h</td>
<td>0.00%</td>
</tr>
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<td></td>
<td>Guided activities: 0h</td>
<td>0.00%</td>
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<tr>
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<td>Self study: 90h</td>
<td>60.00%</td>
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Qualification system

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Regulations for carrying out activities

Bibliography

Basic:


Complementary:

